

# Mental Maths

REVISED EDITION

### THURSDAY

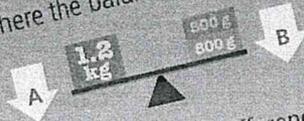
This angle is

- acute.
- right.
- obtuse.

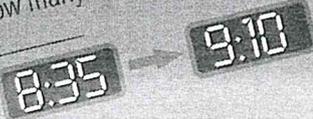
What fraction of children liked chocolate and strawberry ice cream?



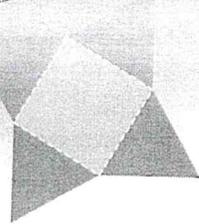
Colour an arrow to show where the balance will tip.



How many minutes difference?



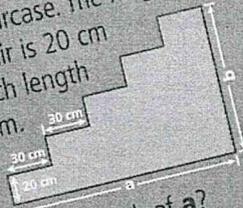
This is a net of a



### PROBLEM-SOLVING

#### MONDAY

An architect is designing a small staircase. The height of each stair is 20 cm and each length is 30 cm.

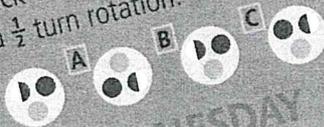


What is the length of **a**? \_\_\_\_\_ cm

What is the height of the staircase **b**? \_\_\_\_\_ cm

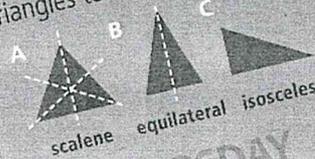
#### TUESDAY

Tick the matching shape after a  $\frac{1}{2}$  turn rotation.



#### WEDNESDAY

Draw lines to match the triangles to their names.



#### THURSDAY

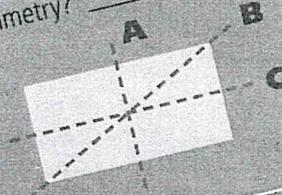
An architect is designing an auditorium. Row A has 15 seats and each row after that has 15 more seats. What is the seating capacity?

STAGE

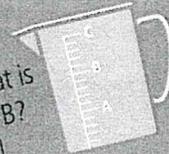


### FRIDAY REVIEW

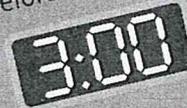
Which is not a line of symmetry?



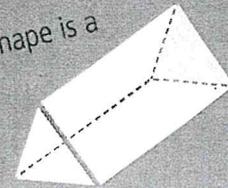
The capacity is 1,500 mL. What is the volume at B?



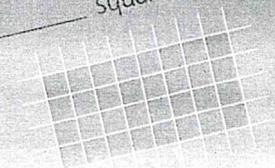
What was the time  $\frac{1}{4}$  of an hour before?



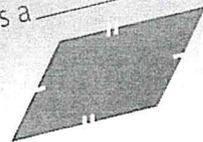
This shape is a



What is the area of this grid? \_\_\_\_\_ squares



This is a



# CONCEPT DEVELOPMENT – Week by Week 4th Class Book

## WEEK 1

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes

### MEASURES

Length  
Weight  
Time  
Money

### DATA

Chance

## WEEK 2

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes

### MEASURES

Length  
Weight  
Capacity  
Time  
Money

### DATA

Chance

## WEEK 3

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry

### MEASURES

Length  
Weight  
Time  
Money

## WEEK 4

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Weight  
Capacity  
Time  
Money

### DATA

Chance

## WEEK 5

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Lines and angles

### MEASURES

Length  
Area  
Weight  
Time  
Money

## WEEK 6

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry

### MEASURES

Length

Area  
Capacity  
Time  
Money

### DATA

Representing and interpreting data  
Chance

## WEEK 7

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Weight  
Time  
Money

### DATA

Representing and interpreting data  
Chance

## WEEK 8

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Lines and angles

### MEASURES

Length  
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Time  
Money

### DATA

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Chance

# CONCEPT DEVELOPMENT – Week by Week 4th Class Book

## WEEK ..... 9

### NUMBER

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Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

### DATA

Chance

## WEEK ..... 10

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Weight  
Time  
Money

## WEEK ..... 11

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes

Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

## WEEK ..... 12

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Capacity  
Time  
Money

### DATA

Representing and interpreting data

## WEEK ..... 13

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
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### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
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### MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

### DATA

Representing and interpreting data

## WEEK ..... 14

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Weight  
Capacity  
Time  
Money

### DATA

Representing and interpreting data

## WEEK ..... 15

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Weight  
Capacity  
Time  
Money

### DATA

Representing and interpreting data

## WEEK ..... 16

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes

# CONCEPT DEVELOPMENT – Week by Week 4th Class Book

Symmetry  
Lines and angles

## MEASURES

Length  
Area  
Weight  
Time  
Money

### WEEK .....17

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Area  
Weight  
Capacity  
Time  
Money

## DATA

Representing and interpreting data

### WEEK .....18

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Weight  
Time

### WEEK .....19

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions

Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

## DATA

Representing and interpreting data

### WEEK .....20

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
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## MEASURES

Length  
Area  
Weight  
Time  
Money

## DATA

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### WEEK .....21

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
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Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
Lines and angles

## MEASURES

Length  
Area  
Weight

Capacity

Time  
Money

## DATA

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### WEEK .....22

## NUMBER

Place value  
Operations (Addition and subtraction)  
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Operations (Division)  
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Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Lines and angles

## MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

## DATA

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### WEEK .....23

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
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Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Area  
Capacity  
Time  
Money

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Representing and interpreting data  
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### WEEK .....24

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)

# CONCEPT DEVELOPMENT – Week by Week 4th Class Book

Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

## DATA

Representing and interpreting data  
Chance

**WEEK** .....25

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Area  
Capacity  
Time  
Money

## DATA

Representing and interpreting data  
Chance

**WEEK** .....26

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Weight  
Capacity  
Time  
Money

## DATA

Representing and interpreting data  
Chance

**WEEK** .....27

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Weight  
Capacity  
Time  
Money

## DATA

Representing and interpreting data  
Chance

**WEEK** .....28

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Area  
Capacity  
Time  
Money

## DATA

Chance

**WEEK** .....29

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

**WEEK** .....30

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Capacity  
Time  
Money

## DATA

Representing and interpreting data  
Chance

**WEEK** .....31

## NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

## ALGEBRA

Number patterns and sequences  
Number sentences

## SHAPE AND SPACE

2-D shapes

# CONCEPT DEVELOPMENT – Week by Week 4th Class Book

3-D shapes  
Symmetry  
Lines and angles

## MEASURES

Length  
Weight  
Capacity  
Time  
Money

## DATA

Chance

## WEEK .....32

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Weight  
Capacity  
Time  
Money

### DATA

Chance

## WEEK .....33

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

### DATA

Representing and interpreting data  
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## WEEK .....34

### NUMBER

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Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Lines and angles

### MEASURES

Length  
Weight  
Capacity  
Time  
Money

## WEEK .....35

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Lines and angles

### MEASURES

Length  
Weight  
Capacity  
Time  
Money

### DATA

Chance

## WEEK .....36

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

Symmetry  
Lines and angles

## MEASURES

Length  
Weight  
Capacity  
Time  
Money

## DATA

Representing and interpreting data  
Chance

## WEEK .....37

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Capacity  
Time  
Money

### DATA

Representing and interpreting data  
Chance

## WEEK .....38

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Weight  
Capacity  
Time  
Money

### DATA

Representing and interpreting data  
Chance

# CONCEPT DEVELOPMENT – Week by Week 4th Class Book

## WEEK 39

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Weight  
Capacity  
Time  
Money

## WEEK 40

### NUMBER

Place value  
Operations (Addition and subtraction)  
Operations (Multiplication)  
Operations (Division)  
Fractions  
Decimals

### ALGEBRA

Number patterns and sequences  
Number sentences

### SHAPE AND SPACE

2-D shapes  
3-D shapes  
Symmetry  
Lines and angles

### MEASURES

Length  
Area  
Weight  
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### DATA

Representing and interpreting  
data  
Chance

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

## Week 1 pages 2–4

### Monday

1. 9.35
2. 9
3. pentagon
4. 20
5. 5
6. 303
7. 1,100
8. 3
9. semicircle
10. 8
11. 18
12. 1.45
13. 400
14. 1 hour 10 minutes
15. 1
16. 1 m
17. 270
18. 1 in 2
19. 4
20. 22, 8

### Tuesday

1. 7.25
2. 4
3. 1,100
4. 13
5. 4
6. 1,001
7. 5
8. 1.50
9. hexagon
10. 5
11. 2.20
12. Teacher check
13. 90
14. oval
15. 1 kg
16. 8
17. 18
18. 8, 11
19. 12
20. 1, 15

### Wednesday

1. 9.05
2. 12
3. 4.05
4. 3
5. octagon
6. 1100
7. 12, 3
8. 637
9. 32
10. 240
11. 1, 2
12. 1, 25
13. Teacher check

14. 200 g
15. 5
16. 1,011
17. 300
18. 7
19. 15
20. 7

### Thursday

1. 2.40
2. 6
3. pentagon
4. 6.90
5. 8
6. 6.50
7. 80
8. 5
9. 9
10. parallelogram
11. 35
12. 1
13. 21
14. 21, 3
15. 1,000
16. 11
17. 754
18. 1, 30
19. 8
20. 989

### Problem-solving

#### Monday

1. C
2.  $\frac{1}{4}$

#### Tuesday

1. 60
2. 360

#### Wednesday

1. 8  
3 4 5
2. 9  
7 3 2

#### Thursday

1. >
2. =

### Friday review

1. 6.10
2. 12
3. 6
4. 2 m
5. 4
6. hexagon
7. 5.50
8. 80
9. 652
10. octagon
11. 1.59
12. 480
13. 42

14. 2 kg
15. oval
16. 24
17. 6
18. 1, 30
19. 90
20. 1
21. 8
22. 1, 2
23. 1030
24. 2, 10
25. 18

## Week 2 pages 5–7

### Monday

1. 1.55
2. 45
3. pentagon
4. 954
5. 10
6. 1014
7. 6
8. 21
9. cone
10. 2
11. 1,000
12. 81
13. 18, 5
14. 5
15. 8
16. 35
17. 4
18. 100
19. Teacher check
20. 1.5

### Tuesday

1. 6.20
2. 3
3. 27
4. 25
5. 60
6. 10
7. 32
8. 240
9. cylinder
10. 3.00
11. 824
12. 73
13. 6
14. 3
15. rhombus
16. 6
17. Teacher check
18. 27, 7
19. 6.10
20. 8.59

### Wednesday

1. 3.45
2. 9
3. 1007
4. 50
5. 410
6. 784
7. 3.10
8. hexagon
9. 4
10. 9.00
11. 24
12. 1, 6
13. 1,000 ml
14. 52
15. 7
16. 5
17. Teacher check
18. 10
19. 5
20. 5, 12

### Thursday

1. 5.10
2. 4
3. 8
4. 15
5. 125
6. 1.10
7. 5
8. 5.05
9. 18
10. 13, 10
11. 1, 6
12. 93
13. Teacher check
14. octagon
15. 8
16. 1,000 m
17. 5
18. 971
19. 25
20. 1,390

### Problem-solving

#### Monday

1. 2.80
2. 14, 6

#### Tuesday

1. 9
2. 2

#### Wednesday

1. 5
2. 2

#### Thursday

1. YB, YB, BY, BY, BY
2. Teacher check

### Friday review

1. 5.40
2. 150
3. 5
4. 390
5. 32
6. 1,630
7. 9
8. 1,105
9. 3
10. 1,000
11. 45
12. 1.10
13. 23, 8
14. 5
15. Teacher check
16. 3
17. 24
18. 8.60
19. rhombus
20. 1,000
21. 1, 6
22. 40
23. 2.00
24. 40
25. 5

## Week 3 pages 8–10

### Monday

1. Teacher check
2. 6
3. triangular pyramid
4. 16
5. 2,543
6. 6
7. 54
8. 9,000
9. Teacher check
10. 270
11. 8
12. 73
13. 24
14. no
15. 1,500
16. 4
17. 15
18. 33
19. 2.80
20. 30

### Tuesday

1. Teacher check
2. triangular prism
3. 5
4. 17
5. Teacher check
6. 95
7. 9
8. 27

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

9. 3,339
10. 9.89
11. 14, 2
12. no
13. False
14. 90
15. 1050
16. 5,392
17. 40
18. 3.80
19. 800
20. 5

### Wednesday

1. Teacher check
2. 4,372
3. 5.90
4. 3,500
5. cylinder
6. 12
7. 7
8. 28
9. €1, 50c, 10c, 5c
10. 64
11. yes
12. Teacher check
13. 7.40
14. 6
15. 1,111
16. 21, 11
17. 28
18. 90
19. 980
20. 4

### Thursday

1. Teacher check
2. Teacher check
3. 23
4. 10
5. 1.90
6. 14
7. 7
8. 550
9. 2.50
10. 8.49
11. A
12. 100
13. 3,723
14. square-based pyramid
15. 8
16. 36
17. 24
18. 1,320
19. 30
20. 420

### Problem-solving

#### Monday

1. €57
2. €9

#### Tuesday

1. €3
2. 19th August

#### Wednesday

1. 1, 15
2. Saturday, 2nd September

#### Thursday

1. €17
2.  $x1, x8$

### Friday review

1. Teacher check
2. 3,489
3. 16
4. 104
5. 1.90
6. Teacher check
7. 500
8. 1,015
9. 8
10. 4
11. True
12. 1,200
13. 450
14. 24
15. pentagon
16. €8.90
17. 1,010
18. 2, 11
19. triangular prism
20. 2.70
21. 25
22. 24
23. 27
24. 2.10
25. 7.52

### Week 4 pages 11–13

#### Monday

1. Teacher check
2. 48
3. 36
4. 8,249
5.  $8r2$
6. 1.0
7. True
8. 2
9. pentagon
10. 7,007
11. 210
12. 9,089
13. 32
14. F
15. 12

16. tenths
17. 15th April
18. B
19. 0.2
20. 75

### Tuesday

1. Teacher check
2. 800
3. 850
4. 5,397
5. 1.0
6.  $3r1$
7. True
8. equilateral
9. 28 cm
10. 3,025
11. octagon
12. 6
13. tenths
14. 2nd July
15. 600
16. 3,100
17. 0.8
18. 4,000
19. 56
20. 4

### Wednesday

1. Teacher check
2. 9
3. 999
4. 7,536
5. 1890
6. 0.2
7.  $5r2$
8. 6
9. False
10. rhombus
11. 1,100
12. scalene
13. 700
14. tenths
15. 3.20
16. 31st January
17. 1,000 ml
18. 2.40
19. 36
20. 160

### Thursday

1. Teacher check
2. cone
3.  $50 \times 9$
4. 15
5. 0.4
6. 9,275
7. 48
8.  $4r7$
9. 7

10. isosceles
11. 2,800
12. K
13. 20
14. 13th June
15. tenths
16. True
17. 400
18. 32
19. 160
20. 6.20

### Problem-solving

#### Monday

1. 2 in 4 (or 1 in 2)
2.  $\frac{1}{4}$

#### Tuesday

1. C
2. Dave

#### Wednesday

1. 4
2. 24

#### Thursday

1. 1 6
- 16 11
2. 16 8
- 24 32

### Friday review

1. Teacher check
2. 1,900
3. True
4. 9,362
5. 56
6. 2,100
7. 1,010
8. 3
9.  $60 \times 9$
10. 48
11. 1.0
12.  $7r3$
13. 2.20
14. isosceles
15. True
16. 270
17. 4
18. 0.4
19. 17th March
20. 0.9
21. pentagon
22. 800
23. equilateral
24. 50
25. tenths

### Week 5 pages 14–16

#### Monday

1. Teacher check
2. 66
3. 800
4. 84
5. 4,200
6. 1.0
7. 5
8. equilateral
9. 1, 15
10. 1,795
11. 1,089
12.  $6r2$
13. cube
14. 0.9
15. 30th September
16. 3.20
17. 8
18. 33
19. 9
20. 1.0

#### Tuesday

1. 10.30
2. 15
3. 1.30
4. 6,200
5. 54
6. 1.2
7. 1,100
8. 1, 5
9. 6,515
10. pyramid
11. 0.7
12. parallelogram
13. 1st May
14. pentagon
15. 9
16. True
17. 3, 3
18.  $4r5$
19. 1, 30
20. 1.0

#### Wednesday

1. Teacher check
2. 1,011
3. 3.0
4. 31st July
5. cube
6. 35
7. 1, 20
8. scalene
9. 17, 7
10. cone
11. 0.6
12. 6,000
13. 8

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

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| <p>14. 95<br/>15. 9.54<br/>16. 12<br/>17. <math>L \times W</math><br/>18. 8<br/>19. 1.0<br/>20. 2.50</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. Teacher check<br/>2. 6<br/>3. A-Green B-Red<br/>4. 5.30<br/>5. 65<br/>6. 1, 15<br/>7. 10.1<br/>8. 25, 3<br/>9. 2<br/>10. cylinder<br/>11. 0.2<br/>12. hexagon<br/>13. True<br/>14. 19<br/>15. isosceles<br/>16. 28<br/>17. 32<br/>18. 1.0<br/>19. 10 r 3<br/>20. False</p> <p style="text-align: center;"><b>Problem-solving</b></p> <p><b>Monday</b><br/>1. 3<br/>2. No</p> <p><b>Tuesday</b><br/>1. 100<br/>2. <math>3\frac{1}{2}</math> hours</p> <p><b>Wednesday</b><br/>1. 4<br/>2. 2.25</p> <p><b>Thursday</b><br/>1. Mon, 21 Aug<br/>2. Tues, 22 Aug</p> <p style="text-align: center;"><b>Friday review</b></p> <p>1. 9.8<br/>2. 3,000<br/>3. 1.0<br/>4. 10.0<br/>5. 0.6<br/>6. 2<br/>7. 1063<br/>8. 6.60<br/>9. 84<br/>10. cube<br/>11. 8<br/>12. 21<br/>13. 3,700<br/>14. 1, 20<br/>15. 5</p> | <p>16. 45<br/>17. scalene<br/>18. 23<br/>19. 3200<br/>20. 10 r 3<br/>21. 30th November<br/>22. 27<br/>23. 12.50<br/>24. 7.5<br/>25. 21, 5</p> <p style="text-align: center;"><b>Week 6 pages 17–19</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 10.50<br/>2. pentagon<br/>3. 1.5<br/>4. 5.60<br/>5. 1.3<br/>6. 1,475<br/>7. 1.2<br/>8. 6,372<br/>9. Teacher check<br/>10. 14<br/>11. 1, 6<br/>12. 0.8<br/>13. 35<br/>14. True<br/>15. 9,090<br/>16. 56<br/>17. 30th August<br/>18. True<br/>19. 470, 4.7<br/>20. 1,000</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 7.50<br/>2. 8<br/>3. 1,111<br/>4. 3.70<br/>5. Teacher check<br/>6. 10.2<br/>7. Teacher check<br/>8. 35<br/>9. triangular prism<br/>10. 14, 14<br/>11. 8,547<br/>12. 1.5<br/>13. 1st May<br/>14. 12.50<br/>15. tenths<br/>16. 63<br/>17. Teacher check<br/>18. 3 in 6 (1 in 2)<br/>19. 1.7<br/>20. True</p> | <p style="text-align: center;"><b>Wednesday</b></p> <p>1. 6.00<br/>2. 0.30<br/>3. Teacher check<br/>4. 270<br/>5. Teacher check<br/>6. 70<br/>7. 8<br/>8. 53<br/>9. 3 in 6 (1 in 2)<br/>10. square-based pyramid<br/>11. 1.6<br/>12. 3.5<br/>13. 132<br/>14. 7,500, 7.5<br/>15. 7,384<br/>16. 1,470<br/>17. 1,889<br/>18. 16, 16<br/>19. 2.4<br/>20. 130</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 2.00<br/>2. thousands<br/>3. B<br/>4. 1.7<br/>5. 110<br/>6. Teacher check<br/>7. 1.98<br/>8. 2.30<br/>9. yes<br/>10. 130<br/>11. 20<br/>12. 108<br/>13. 740, 7.4<br/>14. 0, 6<br/>15. 64<br/>16. 9,738<br/>17. 4.2<br/>18. 106<br/>19. 1,700<br/>20. cube</p> <p style="text-align: center;"><b>Problem-solving</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 9, 5<br/>2. 8, 3</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. Camping, Judo<br/>2. 5</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. 48<br/>2. 9</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. square-based pyramid<br/>2. 4.15</p> | <p style="text-align: center;"><b>Friday review</b></p> <p>1. 2.50<br/>2. 7,438<br/>3. 2.20<br/>4. Teacher check<br/>5. <math>2\frac{1}{2}</math><br/>6. 18<br/>7. 3.6<br/>8. 1, 6<br/>9. 56<br/>10. 1.2<br/>11. 33<br/>12. 3,030<br/>13. yes<br/>14. 18<br/>15. 95<br/>16. 4,800<br/>17. 100<br/>18. 690<br/>19. cube<br/>20. 7.65<br/>21. 3.8<br/>22. Teacher check<br/>23. 29th November<br/>24. Teacher check<br/>25. 2,689</p> <p style="text-align: center;"><b>Week 7 pages 20–22</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 1.55<br/>2. 0.1<br/>3. pentagon<br/>4. 13<br/>5. 180<br/>6. 14.20<br/>7. 1.6<br/>8. thousands<br/>9. &lt; a right angle<br/>10. 7,700<br/>11. 7,300, 7.3<br/>12. False<br/>13. isosceles<br/>14. 28<br/>15. 210<br/>16. 1.9<br/>17. 30th July<br/>18. <math>\frac{1}{2}</math><br/>19. 1,600<br/>20. 3,894</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 5.55<br/>2. 8<br/>3. 42<br/>4. 1.2<br/>5. 205<br/>6. 1.4<br/>7. 4,200</p> | <p>8. triangular prism<br/>9. 3,600<br/>10. cylinder<br/>11. 1st February<br/>12. 14<br/>13. 9,429<br/>14. <math>\frac{1}{4}</math><br/>15. 100<br/>16. 6,000<br/>17. 22, 6<br/>18. 23 19.<br/>350<br/>20. 12.80</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. 5.00<br/>2. 5,731<br/>3. 9.99<br/>4. 3.7<br/>5. 4<br/>6. 47<br/>7. 2.6<br/>8. Teacher check<br/>9. 280<br/>10. Teacher check<br/>11. 5<br/>12. 56<br/>13. 7, 11<br/>14. 110<br/>15. 1.0<br/>16. 2 in 6 (1 in 3)<br/>17. 1,000<br/>18. <math>\frac{1}{4}</math><br/>19. 13.20<br/>20. 0</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 10.00<br/>2. <math>\frac{3}{4}</math><br/>3. 110<br/>4. 1.6<br/>5. no<br/>6. Teacher check<br/>7. 5.4<br/>8. 170<br/>9. 7<br/>10. 18, 9<br/>11. 8.54<br/>12. 220, 2.2<br/>13. 2.0<br/>14. 40 m<br/>15. 3 in 6 (1 in 2)<br/>16. 7.50<br/>17. 105<br/>18. 132<br/>19. 120<br/>20. 4,755</p> |
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# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

## Problem-solving

### Monday

1. 10  
4 2 6
2. 9  
4 3 5

### Tuesday

1. 48
2. 32

### Wednesday

1. 5
2. 7

### Thursday

1. 14
2. 12

### Friday review

1. 3.55
2. 12.60
3. 150
4. 6.8
5. 29th September
6. Teacher check
7. 170
8. 100
9. 150
10. No
11. 2.0
12. 13
13. 8,000
14. 44
15. 6,400, 6.4
16. 8.80
17.  $\frac{1}{4}$
18. = a right angle
19. 1,200
20. 8,200
21. 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , 1.9
22. 3,286
23. 35
24. 32, 2
25. 3.4

### Week 8 pages 23–25

### Monday

1. 12.45
2. 6,843
3. 1, 15
4. 150
5. 4,044
6. 8.70
7. 9,700, 9.7
8. 20
9. Yes
10. 12
11. 0.1
12. 1.0
13. equilateral
14. 18

15. 12.55

16. 6,711

17.  $\frac{1}{4}$

18. 28

19. 72

20. 2 in 6 (1 in 3)

### Tuesday

1. 11.45

2. 3

3. 7.50

4. 110

5. 870, 8.7

6. 1.9

7. Yes

8. 7,308

9. isosceles

10. 18

11. 1.1

12. 1, 29

13. Teacher check

14. 2,900

15.  $\frac{1}{4}$

16. 13

17. 15.99

18. 3 in 6 (1 in 2)

19. 4

20. 24

### Wednesday

1. 5.00

2. 1.0

3. 130

4. 4,731

5. 0.6

6. 9, 6

7. 1, 34

8. scalene

9. 18

10. parallel

11. 14.05

12. 20

13. 3.60

14. 2,400

15. False

16.  $\frac{2}{4}$  or  $\frac{1}{2}$

17. 54

18. 40, 7

19. Teacher check

20. 46, 23

### Thursday

1. 11.00

2. 24

3. vertical position

4. 2,093

5. 1.3

6. 1, 40

7. 110

8. 19.59

9. 3 in 6 (1 in 2)

10. 10, 6

11. 2, 42

12. 1.8

13. 11.40

14.  $\frac{3}{4}$

15. 15

16. Teacher check

17. 15

18. 2.50

19. 14

20. True

### Problem-solving

#### Monday

1. 2,000

2. Dowra

#### Tuesday

1. Teacher check

2. Teacher check

#### Wednesday

1. 7

2. 12

#### Thursday

1. 7.15

2. 9, 6

### Friday review

1. 2.45

2. 150

3. 8.70

4. 9,824

5. 1, 30

6. 24

7. 42

8. 1.7

9. Teacher check

10. 1.0

11. 12.59

12. 3,300, 3.3

13.  $\frac{1}{4}$

14. 0.3

15. Teacher check

16. 1.0

17. 9,815

18. 3 in 6 (1 in 2)

19. 14

20. 4

21. scalene

22. 26

23. 55

24. 30

25. 12, 6

### Week 9 pages 26–28

#### Monday

1. 1,560

2. 3,700

3. parallelogram

4. 9, 3

5. 25

6. 1.6

7. 3,502

8. 2, 0

9.  $\frac{2}{3}$

10. 4 in 6 (2 in 3)

11. 14.25

12. 1.0

13. Teacher check

14. 30

15. 12.70

16. 400

17. Teacher check

18. 90

19. 4,700, 4.7

20. 140

### Tuesday

1. 9,838

2. 16

3. 22, 11

4. True

5. 0.1

6. 110

7. 2, 25

8. 2 in 6 (1 in 3)

9. 1

10. 310

11. 2

12. 260

13. square-based pyramid

14.  $\frac{1}{3}$

15. 6,543

16. 4

17. 27

18. 18.50

19. 20

20. 9,031

### Wednesday

1. Teacher check

2. 4 r 1

3. 8

4. False

5. 8

6. 130

7. 0.9

8. 530

9. 5,640

10. 20, 6

11. 10

12. 8,000

13. 2

14. 19

15. 4,800

16. 150

17. 480

18. 63

19. 13.80

20. 2,379

### Thursday

1. 7

2. 2,300, 2.3

3. 4,700

4. 3 in 6 (1 in 2)

5. 1.6

6. 28, 12

7. 160

8. 2, 35

9. True

10. 17.09

11. 2,479

12. 350

13. 6,003

14. 4

15. 100

16. 740

17. 10.50

18. 630

19. 18

20. 512

### Problem-solving

#### Monday

1. 6

4 7 2

2. 8

2 5 6

#### Tuesday

1. =

2. >

#### Wednesday

1. 9, 7

2. 12

#### Thursday

1. Teacher check

2. Teacher check

### Friday review

1. Teacher check

2. False

3. 1.9

4. 120

5. 5 r 1

6. 4

7. 1.2

8. 2,900

9. 12.10

10. 21, 11

11. 140

12. 57.50

13. 420

14. 3

15. 21

16. 750

17. equilateral

18. 20

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

19.  $\frac{2}{3}$
20. 6,405
21. parallelogram
22. 2, 15
23. 350
24. 786
25. 5, 6

## Week 10 pages 29–31

### Monday

1. 8
2. thousands
3. triangular pyramid
4.  $3\frac{1}{2}$
5. 15
6. 25
7. 1.4
8. 4
9. 10.9
10. 700
11. 24
12. 1.1
13. cube
14. 120
15. 9,402
16. 670
17.  $\frac{1}{3}$
18. 2.30
19. 9.9
20. 1,010

### Tuesday

1. 250
2. 10
3.  $\frac{1}{3}$
4. 11
5. thousands
6. 5
7. 3,200
8. cylinder
9. 26
10. 48
11. X
12. 1, 42
13. 7,490
14. cone
15. 14.50
16. 9, 36
17. 1.0
18. 3, 0
19. €2, 50c, 10c, 5c
20. 5 weeks

### Wednesday

1.  $\frac{3}{10}$
2. 8,888
3. 175
4. 1
5. 5.00

6. 0.53
7. 49
8.  $\frac{1}{3}$
9. 32
10. semicircle
11. 30
12. 6,100
13. 24
14. 15.30
15. 0.7
16. 21, 6
17. 1.3
18. Teacher check
19. 400
20. 24.00

### Thursday

1.  $\frac{8}{10}$
2. octagon
3. 5
4. 0
5. 8.20
6. 45
7. 72
8. 10 months
9. 1.1
10. square-based pyramid
11. 0.17
12. 19.05
13. 5,600
14.  $\frac{2}{3}$
15. 140
16. 3,603
17. 84
18. 1,109
19. True
20. 3,357

### Problem-solving

#### Monday

1. 20
2. 25

#### Tuesday

1. 15
2. 8.09

#### Wednesday

1. 15th, November
2. Tim

#### Thursday

1. 5, 12
2. 8

#### Friday review

1. 6
2. 0.39
3. 1.195
4.  $\frac{1}{3}$
5.  $2\frac{1}{2}$
6. 81

7. 14
8. 11.05
9. 72
10. 160
11. 8.90
12. 1.2
13. 20.00
14. Teacher check
15. 42
16. True
17. 9,503
18. 1.7
19.  $\frac{7}{10}$
20. 150
21. 1, 40
22. 4, 63
23. False
24. 7800
25. 31st January

## Week 11 pages 32–34

### Monday

1.  $5 \times 90$
2. 389
3. Teacher check
4. July
5. 8.20
6. 30
7. 5, 36
8. 23
9. yes
10. 26
11. 22
12. 15
13. 6
14. 125
15. 1,011
16. tenths
17.  $4\frac{1}{2}$
18. 12
19.  $\frac{1}{4}$
20. 210

### Tuesday

1. 12
2. 878
3. 15
4. 180
5. 5, 54
6. September
7. 10
8. octagon
9.  $2\frac{1}{2}$
10. 50
11. 295
12. 30
13. Teacher check
14. 440
15. 24

16. 14
17.  $\frac{1}{2}$
18. 2,022
19. 3, 13
20. 6.80

### Wednesday

1. 7
2. 995
3. 4, 24
4. October
5. 6,500
6. 07
7. 3, 64
8. no
9. 32
10. 888
11. 4,040
12.  $5\frac{1}{2}$
13. 80
14. 950
15.  $\frac{3}{4}$
16. 4, 8, 32
17. 1, 500
18. 1.0
19. 12
20. 21

### Thursday

1. 11
2.  $3\frac{1}{2}$
3. rhombus
4. 50
5. 897
6. May
7. 38
8. 5, 56
9.  $8 \times 70$
10. no
11. 09
12. 190
13. 18
14. 749
15. 24
16. 15
17. 
18. 25
19. 11.10
20. 1.1

### Problem-solving

#### Monday

1. 20
2. 90

#### Tuesday

1. 3
2. 87

#### Wednesday

1. 55
2. scalene, 0

- Thursday**
1. 30, 20
  2. 18

### Friday Review

1. 26, 6
2. 15
3. March
4. 994
5. 160
6. no
7. 140
8. 5, 72
9. 2.50
10. 3
11. 1.0
12. 573
13. 34
14. 5, 42
15. 10
16. 5, 5, 25
17.  $\frac{1}{4}$
18. 15
19. 04
20. 250 ml
21. 9,000
22. 20
23. tenths
24. 56
25. 12

## Week 12 pages 35–37

### Monday

1. 13, 3
2.  $\frac{1}{10}$
3. 90
4. 10.80
5. 550
6. 0.7
7. 8,557
8. 69
9. 5, 80
10. 04
11. 20
12. 0.8
13. sphere
14. 5
15. 10
16. 5
17.  $\frac{1}{2}$  l
18. 9,900
19. 4
20. 2

### Tuesday

1. 2, 1
2. 1.1
3.  $\frac{3}{4}$
4. 9,090

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

5. 0.3
6. 0.6
7. 8,888
8. 4,798
9. 8
10. 0.9
11. 50
12. 10.0
13. 300
14. 2, 35
15. 34
16.  $\frac{1}{4}l$
17. 3,789
18. 60
19. 1.0
20. 2.50

### Wednesday

1. cuboid
2. 4,000
3. 609
4. 8
5. 12
6. 08
7. yes
8. 1, 30, 90
9. 50
10.  $2\frac{1}{2}$
11. 1.4
12. 50
13. 127
14. 10.0
15. 6,485
16. 3, 72
17. 9,730
18. 20
19. A
20. 5.90

### Thursday

1. A
2. 1,350, 1, 35
3. 775
4. Teacher check
5. 0.9
6. 6,000
7. 0.5
8. Teacher check
9. isosceles triangle
10. 24
11. 11,000
12. 07
13. 12
14. 48
15. 4
16. 3,689
17. 1.8
18. 16.30
19. 100 ml
20. Teacher check

### Problem-solving

#### Monday

1. 250
2. 150

#### Tuesday

1. 18
2. 24

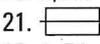
#### Wednesday

1. 3
2. 4

#### Thursday

1. 21
2. 79

### Friday Review

1. 6, 12
2. 14
3.  $\frac{1}{2}$  (0.5)
4. 7,000
5. 1.4
6. 250 ml
7. 2l, 250 ml, 2.25l
8. 0.7
9. 750
10. 8,000
11. 9
12. 127
13. 8
14. Yes
15. 3,067
16.  $\frac{1}{4}l$
17. 1.50
18. 60
19. 6
20. 6,598
21. 
22. 1, 54
23. 50
24. 15.00
25. 08

### Week 13 pages 38–40

#### Monday

1. 2
2. 1,000
3. Circles, rectangle
4. 5
5. 405
6. 1,000
7. 1, 15
8. 3
9.  $\frac{1}{5}$
10. 5
11. yes
12. 5,320
13. perpendicular
14. 3,150
15. 9
16. 2

17. 6,588
18. 48
19. 320
20. 5,000

### Tuesday

1. 02
2. parallelogram
3. 5, 42
4. 10
5. 2,500, 2.5
6. yes
7. 10
8. 800
9.  $\frac{1}{2}$
10. 4
11. triangle, rectangle
12. 20
13. 3,469
14. 36
15. 40
16. 45
17. 955
18. 90
19. 140
20. 2

### Wednesday

1.  $12 \div 4$
2. 1,259
3. 10
4. 6,400, 6.4
5. 24
6. 1, 45, 105
7. 10
8. B
9. square, triangles
10. 4.02
11. 6,019
12. no
13. True
14. 19
15. True
16. 24
17. 3,125
18. 9,986
19.  $\frac{1}{2}l$
20. 102

### Thursday

1. 2.10
2. 4
3. 1.3
4. 8
5. 4
6. 4
7. 6
8. 15
9. 1,049
10. Teacher check

11. 2, 0, 120
12. 5, 80
13. 23
14. 2.6
15. yes
16. 14
17. True
18. 170
19. 160
20. 17

### Problem-solving

#### Monday

1. 150
2. 100

#### Tuesday

1. C
2. A

#### Wednesday

1. 5
2. 2

#### Thursday

1. 8
2. 4

### Friday Review

1. 03
2. 25
3. 750
4. 2800, 2.8
5. 12
6. 1, 45, 105
7. 20
8. True
9. 0.52
10. 12
11. 2,200, 2.2
12. 12
13. 8,858
14. 35
15. A
16. 2
17. 21
18. 180
19. 32
20. circle, rectangle
21. 3,457
22. 7
23. 100
24. yes
25. 36

### Week 14 pages 41–43

#### Monday

1.  $\frac{1}{2}l$
2. 1.3
3. 5,479
4. 3.2
5. 0.72

6. 140
7. 10
8. 40
9. cone
10. 13
11. < right angle
12. True
13. 5
14. 5
15. May
16. 2, 15, 135
17. Teacher check
18. 90
19. 16
20. 99

### Tuesday

1. 3.05
2. sphere
3. 0
4. 7,620
5. True
6. 6, 35
7. 32
8. Teacher check
9. 100
10. equilateral
11. 21
12. 50
13. = right angle
14. 1,450
15. 2<sup>nd</sup> December
16. 10.00
17. 123
18. 6,000
19. 16.20
20. Teacher check

### Wednesday

1. 8,600
2. 4
3. 2
4. False
5. 3
6. 6, 48
7. yes
8. 
9. 21<sup>st</sup> June
10. pentagon
11. 1
12. 1,995
13. 1.5
14. 7
15. 800
16. > right angle
17. 65
18. 09
19. 16
20. 7,000

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

## Thursday

- 8
- 15
- 25
- 2, 30, 150
- 6
- 17
- 7,386
- 550
- 36
- 1705
- True
- 82
- 8
- 30<sup>th</sup> March
- Teacher check
- 80
- 9
- 6,900
- 0.9
- hundredths

### Problem-solving

#### Monday

- 3
- 8

#### Tuesday

- 6
- 1

#### Wednesday

- $4 \times 7, 28$
- $6 \times 12, 72$

#### Thursday

- Teacher check
- 50, 40

### Friday Review

- 7,100
- 6,000
- 25
- parallelogram
- 9,788
- 3.80
- 4
- 30
- 7
- 54
- 32
- 20
- 45
- > right angle
- 29<sup>th</sup> of April
- True
- 130
- 21
- square
- True
- Teacher check
- 5
- 24

- 2.6
- Teacher check

### Week 15 pages 44–46

#### Monday

- 2,300
- 6
- Teacher check
- 2
- 140
- 10
- = right angle
- 16
- no
- 0.11
- 10
- 25
- 4,125
- 6,712
- 1, 42
- 0.3
- 1.5
- 6
- 12
- 24

#### Tuesday

- 12, 12
- 1,505
- 22
- 250
- 5
- 2, 30, 150
- 4
- 2,125
- 1<sup>st</sup> of January
- yes
- > right angle
- 15
- Teacher check
- yes
- perpendicular
- 15.00
- 3, 40
- 0.7
- 7.60
- 20

#### Wednesday

- 4
- 4
- 60
- 3
- 1,995
- 24<sup>th</sup> of March
- 9.50
- 250 ml
- Teacher check
- 8

- 17.00
- < right angle
- 20
- 1, 21
- 1
- scalene
- 60
- 16
- 1.2
- 2.2

#### Thursday

- 30
- 2,010
- 6
- 4
- 4
- 6
- 3, 15, 195
- yes
- 55
- no
- 90
- 75
- 36
- isosceles
- 9,849
- 08
- 0
- 5
- Teacher check
- 3.50

### Problem-solving

#### Monday

- 7.80
- 3.00

#### Tuesday

- 4
- 40

#### Wednesday

- equilateral, isosceles, scalene
- 34

#### Thursday

- Wednesday
- 2

### Friday Review

- 50
- 5
- 5
- 5
- 30
- 7,100
- 27
- 21.00
- 6
- no
- 1.8

- scalene
- 36
- = right angle
- 13
- no
- 10
- 3, 64
- Teacher check
- 5
- 3,175
- 500 ml
- Teacher check
- 5
- 10

### Week 16 pages 47–49

#### Monday

- 2, 4
- 15
- 12
- True
- 1,000
- 161
- 28
- 7,189
- Teacher check
- 200
- 3
- 2.8
- 28
- Teacher check
- 140
- 9,999
- yes
- 400
- = right angle
- 6

#### Tuesday

- 4, 6
- > right angle
- 230
- 52
- 25, 25
- 200
- 9.9
- parallelogram
- Teacher check
- 9,850
- no
- yes
- 3, 30
- $20 \times 9$
- 70
- 20
- 32
- 12
- 25
- 500

## Wednesday

- A
- 370
- 200
- 8
- Teacher check
- 92
- 2.7
- 54
- True
- 20
- 2,900
- 125, 152, 521, 512, 215, 251
- 25
- 5.72
- 79
- 104
- 899, 901
- 12
- 126
- 6

#### Thursday

- 992
- 1,700
- 20.00
- 25
- 10
- no
- 28
- yes
- 1.1
- 7,485
- 478, 784, 874, 748, 487, 847
- 20
- 9.20
- < right angle
- 25
- ruler
- no
- 4
- 2, 28
- Teacher check

### Problem-solving

#### Monday

- |   |   |   |
|---|---|---|
|   | 8 |   |
| 5 | 6 | 3 |
- |   |   |   |
|---|---|---|
|   | 9 |   |
| 7 | 5 | 2 |

#### Tuesday

- 16 mins
- 9.08 am

#### Wednesday

- 300
- 900

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <p style="text-align: center;"><b>Thursday</b></p> <p>1. 90<br/>2. 25</p> <p style="text-align: center;"><b>Friday Review</b></p> <p>1. Teacher check<br/>2. 18<br/>3. 45<br/>4. 7,915<br/>5. 10<br/>6. 36<br/>7. hundredths<br/>8. 44<br/>9. yes<br/>10. 500<br/>11. 12<br/>12. 12.50<br/>13. 32<br/>14. &gt; right angle<br/>15. <math>30 \times 6</math><br/>16. yes<br/>17. 50<br/>18. 1.7<br/>19. no<br/>20. 25<br/>21. 7.4<br/>22. 7,700<br/>23. 45<br/>24. 30<br/>25. 21</p> <p style="text-align: center;"><b>Week 17 pages 50–52</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 4, 2<br/>2. 2,505<br/>3. Teacher check<br/>4. 99<br/>5. 110<br/>6. 390<br/>7. 3, 30, 210<br/>8. 17<br/>9. pentagons<br/>10. 3<br/>11. 222<br/>12. 6<br/>13. parallel lines<br/>14. <br/>15. 9,819<br/>16. 50<br/>17. 30<br/>18. 750<br/>19. 110<br/>20. 8</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 39<br/>2. 1,940<br/>3. 55<br/>4. 993</p> | <p>5. hundredths<br/>6. 80<br/>7. 3, 15, 195<br/>8. C<br/>9. 124<br/>10. 51<br/>11. 25, 250<br/>12. 0.4<br/>13. 16<br/>14. 19 kg<br/>15. right<br/>16. 5,500<br/>17. 8<br/>18. True<br/>19. 60<br/>20. 130</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. 991<br/>2. 471<br/>3. 28<br/>4. 140<br/>5. 479, 497, 749, 794,<br/>947, 974<br/>6. <math>\frac{3}{100}</math>, (0.03)<br/>7. 9,900<br/>8. B<br/>9. 9<br/>10. 30<br/>11. True<br/>12. Teacher check<br/>13. 4,700<br/>14. 4<br/>15. 5<br/>16. 200<br/>17. 7<br/>18. 7<br/>19. 14<br/>20. 21</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 65<br/>2. 60<br/>3. yes<br/>4. 15<br/>5. acute<br/>6. August<br/>7. Teacher check<br/>8. 25, 250<br/>9. 35<br/>10. A<br/>11. 4,202<br/>12. 7,430<br/>13. 7,500<br/>14. st<br/>15. 0.7<br/>16. 4.50</p> | <p>17. 33<br/>18. 50<br/>19. 3,000<br/>20. 3, 45, 225</p> <p style="text-align: center;"><b>Problem-solving</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. A<br/>2. 180</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 10<br/>2. 40</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. 91<br/>2. Teacher check</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 1<br/>2. 500</p> <p style="text-align: center;"><b>Friday Review</b></p> <p>1. 47<br/>2. 15<br/>3. 99<br/>4. 1,550<br/>5. 61<br/>6. 3, 30, 210<br/>7. 6<br/>8. 643<br/>9. 100<br/>10. parallelogram<br/>11. 0.8<br/>12. 36<br/>13. 7,212<br/>14. 25, 250<br/>15. 50<br/>16. 1,000<br/>17. Teacher check<br/>18. 40<br/>19. acute<br/>20. 105<br/>21. rh<br/>22. 48<br/>23. Teacher check<br/>24. thousands<br/>25. 23</p> <p style="text-align: center;"><b>Week 18 pages 53–55</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 980<br/>2. 1<sup>st</sup> of May<br/>3. rhombus<br/>4. 66<br/>5. 3,316<br/>6. 125<br/>7. 12<br/>8. 25<br/>9. pyramid<br/>10. 490<br/>11. 25<br/>12. acute</p> | <p>13. 1,021<br/>14. 0.4<br/>15. <math>\frac{1}{2}</math><br/>16. True<br/>17. Teacher check<br/>18. 1 kg<br/>19. 17<br/>20. 150</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 880<br/>2. 25, 250<br/>3. 5<br/>4. 8<br/>5. 35<br/>6. obtuse<br/>7. 24<br/>8. 33<br/>9. +, 10<br/>10. 478, 487, 748, 784,<br/>847, 874<br/>11. parallel lines<br/>12. 5,141<br/>13. Teacher check<br/>14. 3.0<br/>15. 20<br/>16. 2 kg<br/>17. 250<br/>18. 3<br/>19. 58<br/>20. 24</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. 89<br/>2. 125<br/>3. 21<br/>4. 996<br/>5. yes<br/>6. Teacher check<br/>7. 4, 12<br/>8. A<br/>9. 5 + 8, 13<br/>10. 2<br/>11. 4,000<br/>12. 200<br/>13. no<br/>14. 3, 30, 210<br/>15. <math>\frac{1}{4}</math><br/>16. 3.0<br/>17. 9<br/>18. 600<br/>19. 360<br/>20. 8</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 08<br/>2. 21<br/>3. 31<sup>st</sup> of July<br/>4. 41<br/>5. 5,500</p> | <p>6. 988<br/>7. yes<br/>8. 35<br/>9. right<br/>10. A<br/>11. 8<br/>12. Teacher check<br/>13. 6,900<br/>14. 0.1 km<br/>15. 600<br/>16. 3,662<br/>17. 6<br/>18. 4, 0, 240<br/>19. 2.0<br/>20. 12</p> <p style="text-align: center;"><b>Problem-solving</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 20<br/>2. 50</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 16, 32<br/>2. 5</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. C<br/>2. 10.30 am</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 7<br/>2. 2</p> <p style="text-align: center;"><b>Friday Review</b></p> <p>1. 7 tenths<br/>2. 18<br/>3. 24<br/>4. B<br/>5. 1<sup>st</sup> of May<br/>6. 40<br/>7. 170<br/>8. 6<br/>9. 3<br/>10. 250<br/>11. 4,700<br/>12. 19<br/>13. 225<br/>14. obtuse<br/>15. 10<br/>16. 1,162<br/>17. 61<br/>18. <math>\frac{1}{4}</math><br/>19. 5<br/>20. C<br/>21. 1,500<br/>22. 18<br/>23. 978<br/>24. non-parallel lines<br/>25. 7,000</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

## Week 19 pages 56–58

### Monday

- 49
- 7
- qi
- 11
- 16
- 3,700
- 500
- 1,394
- Teacher check
- 80
- 4,959
- 47
- hundreds
- 6
- right
- 0.9
- $7 + 8, 15$
- $\frac{1}{10}$
- 1.4
- False

### Tuesday

- 87
- 7
- 13
- 4
- 18
- 1,900
- 1,500
- $\frac{3}{4}$
- bc
- Teacher check
- 40
- Teacher check
- 2,900
- 2,051
- 900, 60
- 105
- 1.5
- 6
- 12
- 6

### Wednesday

- 34
- 24
- 4
- 30
- $\partial\exists$
- 23
- 4,600
- 8,915
- 3,253
- acute
- 24
- 1<sup>st</sup> of May
- 40
- 9,010

- 42
- $10 + 5, 15$
- 3.1
- no
- 3.0
- 325

### Thursday

- 4, 1
- no
- 48
- 70
- 54
- 870, 8.7
- 7,618
- 985
- parallel lines
- $\text{O}8$
- obtuse
- 6,000, 200, 5
- False
- Teacher check
- 110
- yes
- 995
- 4.2
- 24
- 3

### Problem-solving

#### Monday

- 3.00
- 3

#### Tuesday

- 80, 70
- 4, 3

#### Wednesday

- 8
- 1

#### Thursday

- 35
- 200

#### Friday Review

- 85
- True
- 43
- 3,341
- $\frac{1}{5}$
- EL
- 27
- 62
- Teacher check
- pentagon
- 40
- 1<sup>st</sup> of December
- 270
- 1.90
- 3,800
- 5,025

- 8
- 8
- 2,000, 900, 70, 1
- 4,300
- 32
- 1,000
- 120
- 20
- 4.1

## Week 20 pages 59–61

### Monday

- 62
- 56
- 140
- 48
- 160
- 1,800
- 36
- thousands
- cone
- 1.0
- 9
- no
- Teacher check
- 1,000
- 1.8
- $\frac{1}{2}$
- Teacher check
- 5,535
- $\Delta$
- 2,500

### Tuesday

- 969
- 35
- Teacher check
- 140
- $\frac{1}{4}$
- 3.6
- 110
- isosceles
- 7.3
- 9,740
- 2,965
- 14
- 9
- $12 - 9, 3$
- 8,000, 200, 80, 8
- 1,000
- True
- 7,800
- 250
- False

### Wednesday

- 92
- 36
- $\frac{1}{5}$

- 2.7
- 6,511
- 150
- 60
- triangular pyramid
- 6
- 1<sup>st</sup> of January
- Teacher check
- 490
- 6
- 250
- B
- 240
- 3, 15, 195
- 180
- 20
- 2.3

### Thursday

- 981
- $\frac{3}{10}$
- pyramid
- 140
- 170
- 23.00
- 24
- 8.50
- 3,315, 3,315
- 5,421
- 27
- 25<sup>th</sup> December
- 9.4
- 121
- 2,400
- 2.1
- 450
- $16\frac{1}{2}$
- 20
- Teacher check

### Problem-solving

#### Monday

- |   |   |   |
|---|---|---|
|   | 8 |   |
| 3 | 7 | 5 |

#### Tuesday

- |   |   |   |
|---|---|---|
|   | 9 |   |
| 4 | 6 | 5 |

- <
- =

#### Wednesday

- Teacher check
- 970

#### Thursday

- 5
- 23

#### Friday Review

- 95
- 46

- 50
- Teacher check
- $\frac{3}{4}$
- Teacher check
- 9.3
- 15
- 320
- 88
- 21
- 130
- 48
- no
- 350
- 3,415, 3,415
- 4,445
- 36
- scalene
- 5,000
- 160
- no
- 400.00
- 4,200
- 40

## Week 21 pages 62–64

### Monday

- 9.25
- 23
- pentagon
- 2,960
- 22 – 10, 12
- $\frac{5}{10}, (0.5)$
- A and B
- 36
- obtuse
- False
- 48
- 6
- 5
- 0.1
- 9.80
- 70
- 3, 45
- 3,000, 900, 7
- 110
- 5,200

### Tuesday

- 5, 9
- octagon
- 108
- 53
- 986
- 4
- Teacher check
- 4,700
- 11
- l
- 0.7
- 24

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

13. True
14. 0
15. 4
16. 25
17. 350
18. 5
19. Thursday
20. Saturday

### Wednesday

1. 15
2. 106
3. 97
4. 11
5. hexagon
6. Teacher check
7. obtuse
8. 7
9. 1.0
10. 4, 45
11. 7
12. kg
13. 100
14. 7,000, 80, 6
15. 959
16. Teacher check
17. A
18. 5
19. 5
20. 180

### Thursday

1.  $\frac{3}{10}$
2. Teacher check
3. 15 – 12, 3
4. parallel lines
5. 3, 50
6. 94
7. 200
8. 3.7
9. 9
10. 4
11. 12
12. 5
13. 7.20
14. B
15. 7,001
16. 9,998
17. 130
18. 7,999, 8,001
19. 24
20. m

### Problem-solving

#### Monday

1. 24
2. 8, 4

### Tuesday

1. 6
2. no

### Wednesday

1. 8, 5
2. 21

### Thursday

1. 2.35
2. B

### Friday Review

1. 10, 7
2. 21
3. 95
4. 9,000
5. 6.50
6. hexagon
7. 3,800
8. 4,160
9. False
10. Teacher check
11. 60
12. 20 – 12, 8
13. 4
14. 1.6
15. parallel lines
16. kg
17. acute
18. 130
19. 28
20. 1.1
21. 4
22. 210
23. 27
24. 8,000, 80, 5
25. 15

### Week 22 pages 65–67

#### Monday

1. 100
2. 7
3. 8,995
4.  $3 \times 5, 15$
5. 1,998, 2,501, 3,002
6. 4
7. 2.50
8. 0.1
9. Teacher check
10. 92
11. 360
12. 5,000, 800, 40, 7
13. right
14. 19
15. 2.48
16. False
17. kg
18. 20, 32
19. 21

20. 50

### Tuesday

1. 80
2. 5
3. hundredths
4. 2
5. 3
6. yes
7. 9
8. non-parallel lines
9. 7,090, 7,009, 4,998
10. 0.5
11. 4, 8
12. acute
13. Teacher check
14. l, ml
15. 95
16.  $0.07 (\frac{7}{100})$
17. 40, 56
18. 700
19. 150
20. 1

### Wednesday

1. 5, 9
2. 15
3. hundredths
4.  $0.09 (\frac{9}{100})$
5. 4,870
6. 1,700, 1.7
7. 6
8. 3,399, 3,985, 6,089, 6,100
9. 6
10. obtuse
11. 0.7
12. km
13. 7
14. Teacher check
15. 50
16. impossible
17. 90
18. 96
19. 32
20. 130

### Thursday

1.  $\frac{1}{4}, 2$
2. 4
3. no
4. 98
5. 3,100, 3.1
6. 1.0
7. 1
8. 160
9. 10
10. acute

11. 9,200, 9,020, 7,899, 4,890

12. 4
13. 6
14. ml
15. 1,700
16. 80
17. thousands
18. 6
19. 38
20. Teacher check

### Problem-solving

#### Monday

1. 5
2. 9

#### Tuesday

1. 30
2. 150

#### Wednesday

1. 4, 52
2. 7, 20

#### Thursday

1. Teacher check
2. 4

### Friday Review

1.  $\frac{1}{4}, 4$
2. 96
3. 21
4. Teacher check
5. m
6. 1,700
7. 70
8. 130
9. hundredths
10. 0.7
11.  $10 \times 4, 40$
12. 3,000, 400, 30, 7
13. 900
14. likely
15. 13
16. obtuse
17. 1.0
18. 7
19. 3
20. non-parallel lines
21. 9,199, 9,899, 9,964, 9,989
22. 21
23. 7,851
24. True
25. 135, 1.35

### Week 23 pages 68–70

#### Monday

1. 5
2. 197
3. 30

4. 7
5. 7
6. 1, 0.9, 0.5
7. 5, 45
8. False
9. 2,050
10. vertical
11. 24
12. 3
13. equilateral
14. 1.0
15. 1, 500
16. 6
17. 6, 2
18. yes
19. 1.5
20. Teacher check

### Tuesday

1. 2
2. True
3. 106
4. 6
5. 1.1
6. 0
7. 6, 0
8. 10
9. 24
10. 35
11. 992
12. 2, 150
13. 25
14. 0.4
15. 5, 4
16. 27
17. 30
18. 6
19. 150
20. horizontal

### Wednesday

1. 10, 5
2. 108
3. 450
4. 9
5. 360
6. 90
7. 55
8. 7,975
9. 2, 250
10. 16.40
11. 48
12. 1, 500
13. Teacher check
14. Teacher check
15. 0.5
16. 0.6
17. 4
18. Tuesday

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

19. Saturday  
20. 13<sup>th</sup> of June (Friday)

### Thursday

1. 10, 12
2. 4
3. 5
4. 125
5. 0.4, 0.7, 0.9, 1.0
6.  $6 \times 5, 30$
7. 9
8. 0.8
9. 8.30
10. diagonal
11. 2
12. 280
13. 56
14. non-parallel
15. ml
16. 1.9
17. 5,900
18. False
19. 9
20. True

### Problem-solving

#### Monday

1. 55
2. 15

#### Tuesday

1.  $1, \frac{1}{2}$
2.  $\frac{1}{4}, \frac{1}{2}$

#### Wednesday

1. Liam
2. 4

#### Thursday

1. 6, 3
2. 6, 4

### Friday Review

1. 9
2. 6
3. 4, 45
4. 991
5. 8.20
6. 40
7. 8,600
8. 20
9. 9
10. non-parallel
11. 4.40
12. 105
13. 1.0
14. 0.8
15. 3,999
16. diagonal
17. 240
18. 0.5
19. 2, 500
20. 150

21. equilateral
22. Teacher check
23. cm
24. False
25. 9

### Week 24 pages 71–73

#### Monday

1.  $<$  a right angle
2. 2.50
3. 2, 250
4. 4
5. 1,006
6. hundredths
7. 5, 35
8. 90
9. diagonal
10. 2.1
11. 6,000
12. 50
13. pentagon
14. 2, 3
15. 75
16. 10
17. 12:15
18. 20
19. 7
20. 97

#### Tuesday

1. 70
2. 2.7
3. 9, 3
4. 390
5. 6, 250
6. 1.2
7. 25
8. A and E, H and D, G and C, B and F
9. 500
10. 9,430
11. 1.2, 1.1, 0.9, 0.7
12. 30
13.  $25 \div 5, 5$
14. 45
15. Teacher check
16. 1,500
17. False
18. 1,003
19. 94
20. 36

#### Wednesday

1. 20, 7
2. 18
3. 2.4
4. 3
5. 8
6. 3, 500

7. 195
8. 7, 55
9. 2
10.  $30 \div 3, 10$
11. 4
12. 0.1, 0.8, 1.4, 2.0
13. 8
14. 54
15. 160
16. 7, 5
17. 150
18. A
19. 1
20. 5:10

#### Thursday

1. 986
2. 3.6
3. horizontal
4. 9,740
5. True
6. 36
7. 8, 5
8. 75
9. 28
10. 1.5
11. 4
12. 130
13. 42
14. 7, 6
15. False
16. 7
17. 1,500
18. 7, 750
19. 140
20. 35

### Problem-solving

#### Monday

1. equilateral, isosceles, scalene
2. 5

#### Tuesday

1. Week 3
2. 3.00

#### Wednesday

1. 2
2. 0.25

#### Thursday

1. 32
2.  $6 \times 3, 18$

#### Friday Review

1. 10, 6
2. 2.1
3. 140
4. 2, 50
5. 5
6. 4, 35
7. vertical

8. 25
9. 75
10. 180
11. 18
12. 981
13. 4
14. 2, 50
15. 0.9, 1.3, 2, 2.1
16. False
17.  $20 \div 4, 5$
18. 250
19. 600
20. 56.00
21. 6, 6
22. 195
23. 56
24. 72
25. 20

### Week 25 pages 74–76

#### Monday

1. 2, 7
2. 3, 950
3. A
4. 3
5. 2.7
6. 470
7. 2-D
8. 340
9. rectangle
10. 1
11. 21.00
12. 4, 15
13. 70, 1, 71
14. 890
15. 2.4
16. 2
17. months
18. bar chart
19. July
20. December

#### Tuesday

1. 4, 6
2. kitchen scales
3. 2.8
4. hexagon
5. 28.00
6. 1:55
7. 5
8. circle
9. 1,800
10. octagon
11. True
12. 895
13. 3, 450
14. 7.50
15. 1, 4
16. 3

17. 4
18. 20
19. 103
20. 750

### Wednesday

1. 989
2. 1.3
3. 41.00
4. circle
5. 25
6. 4, 50
7. 5
8. 50, 1, 51
9. 4
10. 9
11. True
12. 60
13. 130
14. 20
15. 12.10
16. 9,990
17. Tuesday
18. Teacher check
19. 5
20. 13<sup>th</sup>

### Thursday

1. 82
2. 0.1
3. 70
4. 6, 0
5. 10
6. vertical
7. 5
8. 38.00
9. 2
10. 4, 40
11. 670
12. 1,500
13. 4.5
14. 1, 4
15. 5, 90
16. 24
17. three-dimensional
18. 11.10
19. 50
20. 5,100

### Problem-solving

#### Monday

1. 15
2. 90

#### Tuesday

1. 4.50
2. 9

#### Wednesday

1. 3
2. 6

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

## Thursday

1. 8, 4
2. 4

## Friday Review

1. 4
2. 50.00
3. 8.15 p.m.
4. 3.6
5. 3
6. hexagon
7. 650
8. 4.0
9. 5, 905
10. circle
11. 50
12. 195
13. 1, 4
14. July
15. November
16. False
17. 5
18. 988
19. 5, 15
20. 140
21. 60
22. 4
23. 7,660
24. False
25. 1,900

## Week 26 pages 77–79

## Monday

1. 2,674
2. 7
3. 10.00
4. 5.00
5. 130
6. 230
7. 4, 5
8. 7,000, 700, 50, 5
9. Teacher check
10. 28
11. no
12. True
13. 6, 15
14. 7
15.  $30 \div 6, 5$
16. 34
17. circle
18. 25<sup>th</sup> of December
19. 17
20. 86

## Tuesday

1. 35
2. 80
3. 17
4. 10.8

5. 150
6. 1.0
7. vertical
8. rhombus
9. 40
10. 69.9
11. 49
12. 4, 50
13. 12:40
14. 6
15. 82
16. 72
17. 20
18. You will go to bed tonight.
19. 300
20. 8

## Wednesday

1. 74
2. 26.00
3. 16.20
4. 120
5. 48
6. 8
7. 7, 30
8. isosceles
9. 7, 90
10. square
11. 5
12. 3,065
13. 6
14. 280
15. 12
16.  $45 \div 9, 5$
17. 2.1
18. 2
19. 35
20. 200

## Thursday

1.  $7 \times 30$
2. 293
3. 2,350
4. 130
5. 2:50
6. 69
7. 110
8. 125
9. 6.9
10. hexagon
11. 36
12. 0.5
13. 25
14. 4, 4
15. 350
16. 7, 999
17. 19.20
18. 54

19. horizontal
20. 7,057

## Problem-solving

### Monday

1. Teacher check
2. 40

### Tuesday

1. guitar
2. 15

### Wednesday

1. C, A, B
2. 2.20 sec.

### Thursday

1. 20
2. 79

## Friday Review

1. 65
2. 30.00
3. 15.00
4. rectangle
5. 80
6. 5
7. 400
8. 63
9. 1.5
10. 160
11. 21.00
12. 6, 8
13. 160
14. horizontal
15. 7<sup>th</sup> of January
16. 4, 20
17. 75
18.  $30 \div 10, 3$
19. Teacher check
20. 68
21. 2,110
22. 150
23. 60
24. 72.9
25. 4, 90

## Week 27 pages 80–82

## Monday

1. 7, 3
2. diagonal
3. 5
4. 30
5. 2.4
6. 250
7. 21.00
8. 4
9. 40
10. 3,996
11. octagon
12. 22
13. 72

14. 2.45 p.m.
15. 8
16. 19
17. square-based pyramid
18. 50
19. August
20. 5,035

## Tuesday

1. 11, 6
2. 1
3. 9.05 a.m.
4. 462
5. 2
6. 370
7. 5
8. 8,000
9. 25
10. 10
11.  $12 + 14, 26$
12. 4,990
13. 15
14. 7,970
15. pentagon
16. 5.5
17. 7
18. 280
19. 90
20. 36

## Wednesday

1. 22, 4
2. 293
3. 21
4. 12.00
5. 608
6. 2,965
7. 380
8. 2,000
9. 3.20 p.m.
10. 3.0, 2.2, 1.9, 0.9
11. 4
12. 90
13. 47
14. pentagon
15. 3.0
16. 6
17. Teacher check
18. 10
19. 12
20. Teacher check

## Thursday

1. 14 minutes, 1
2. 1,007
3. 28
4. 80
5. 0.9
6. 18

7. 3
8. 12.55 p.m.
9. 3.6
10. vertical
11. 330
12. 4
13. 9
14. 1,973
15. 4,575, 4,575
16. 5
17. 1
18. P.E.
19. History
20. 3

## Problem-solving

### Monday

1. 6.00
2. 1.90

### Tuesday

1. 3 in 4
2. 12

### Wednesday

1. 12, 35
2. 17, 30

### Thursday

1. =
2. >

## Friday Review

1. 23, 5
2. 1,005
3. 393
4. 15.00
5. 4.0
6. pentagon
7. horizontal
8. 4
9. 20.00
10. 80
11. octagon
12. 464
13. 8
14. 18
15. 5
16. 250
17. 3.1, 2.3, 1.8, 0.8
18. 4.0
19. 7
20. 3
21. 18.00
22. 100
23. 16.70
24. 60
25. 1,979

## Week 28 pages 83–85

## Monday

1. 19, 12
2. 9,999

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

3. You will dye your hair pink.
4. 21
5. 10.00
6. 56
7. 100
8. False
9. 9, 500
10. 8,000
11. True
12. 100, 50, 10, 3, 163
13. no
14. 35
15. 63
16. 2.4
17. diagonal
18. 179
19. 806
20. thousands

### Tuesday

1. 24, 2
2. 294
3. 19
4. 100
5. 10
6. 6, 25
7. 2,150
8. rectangle
9. 3.5
10. horizontal
11. 2,000, 900, 70, 4
12. 25 – 21, 4
13. 150
14. 32
15. 15
16. 3.4
17. 160
18. 124
19. 1
20. 1

### Wednesday

1. 18, 5
2. 350
3. 3.0
4. 23
5. 29 of March
6. 1.8
7. 100, 50, 10, 6, 166
8. rectangle
9. Teacher check
10. 200
11. 7, 25
12. 7, 80
13. 100
14. 2,400
15. 5.06
16. 235
17. 25

18. oval
19. 2.5
20. 60

### Thursday

1.  $\frac{1}{4}$ , 4
2. 45
3. 19
4. 40, 10, 2, 52
5. 25
6. 604
7. 230
8. 5
9. 24
10. 42
11. 1.4
12. 36
13. hexagon
14. Teacher check
15. 3,960
16. 9,900
17. 1.3
18. 28
19. 35
20. 75

### Problem-solving

#### Monday

1. 3, 4
2. 3, 4

#### Tuesday

1. C
2. B

#### Wednesday

1. 8
2. 6

#### Thursday

1. A
2. B

### Friday Review

1. 24, 12
2. 32
3. 18
4. 2,025
5. 60
6. 1,007
7. 1,993
8. 7, 400
9. 44
10. 225
11. 890
12. 3
13. 54
14. rectangle
15. 2.4
16. 19.00
17. 806
18. 80
19. 9,911
20. 45

21. diagonal
22. Teacher check
23. 3,100
24. 244
25. 25

### Week 29 pages 86–88

#### Monday

1.  $\frac{1}{4}$ , 6
2. 3.70
3. 6.1
4. 11
5. 6, 50
6. 7,395
7. 8
8. 1.7
9. a, a
10. 150
11. 2, 3
12. 24
13. isosceles
14. 24
15. True
16. 903
17. circle
18. 4, 30
19. 567
20. 8

#### Tuesday

1.  $\frac{1}{4}$ , 10
2. 5.003
3. 3, 33
4. 2,300
5. 140
6. 497
7. 2
8. cube
9. 4
10.  $5 \times 3$ , 15
11. diagonal
12. no
13. 15
14. 23
15. 8, 5
16. 150
17. 48
18. 90
19. 96
20. 9,830

#### Wednesday

1. 18, 4
2. 55
3. 804
4. 105
5. 200
6. 3
7. 300

8. 1.4
9. 9,999
10. triangular pyramid
11. 17
12. triangle
13. 47
14. 5
15. False
16. ml
17. 9, 99
18. 3,990
19. 132
20. 4, 025

### Thursday

1. 3, 11
2. 40
3. False
4. 7,101
5. 110
6. 25
7. 350
8. 100
9. 936
10. hexagon
11. 270
12. 50
13. 0
14.  $\frac{3}{10}$  (0.3)
15. 32
16. 3
17. 8.50 a.m.
18. 30 minutes
19. 7.35 p.m.
20. Bus 1 or 2

### Problem-solving

#### Monday

1. 2.90
2. 1,200, 1, 200, 1.2

#### Tuesday

1. 500
2. 4

#### Wednesday

1. Teacher check
2. Teacher check

#### Thursday

1. Teacher check
2. Teacher check

### Friday Review

1. 29, 6
2. 24
3. 6.050
4. 396
5. 6
6. 3.0
7. 250
8. 6, 0
9. 4
10. triangular pyramid

11. 130
12. 5.50
13. 40
14.  $7 \times 3$ , 21
15. 1,030
16. 6
17. scalene
18. 2,100
19. 603
20. 0
21. 100
22. 9,000
23. triangle
24. 150
25. 8,761

### Week 30 pages 89–91

#### Monday

1. 58
2. 23
3. 10
4. 600
5. 4.070
6. 7, 5
7.  $28 \div 7$ , 4
8. 7,000
9. Teacher check
10. 8,000
11. True
12. 868
13. Teacher check
14. False
15. 45
16. 140
17. non-parallel lines
18. 9.90
19. 9,200
20. heads, tails

#### Tuesday

1. 10, 2
2. cube
3. 310
4. 7
5. 2, 4, 05
6. 3.2
7. 906
8. 5, 18
9. True
10. 6,000
11. True
12. yes
13. 38
14. 3
15. triangle
16. 170
17. 1,850
18. 15
19. 6, 40
20. 48

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

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| <p style="text-align: center;"><b>Wednesday</b></p> <ol style="list-style-type: none"> <li>1. 7:45</li> <li>2. 804</li> <li>3. 8</li> <li>4. vertical</li> <li>5. 36</li> <li>6. 2, 500</li> <li>7. 2.7</li> <li>8. parallelogram</li> <li>9. 1</li> <li>10. Teacher check</li> <li>11. 1.3</li> <li>12. 5, 1, 07</li> <li>13. 29<sup>th</sup> of September</li> <li>14. 23</li> <li>15. 98</li> <li>16. 50</li> <li>17. 5,000</li> <li>18. 120</li> <li>19. 75</li> <li>20. September</li> </ol> <p style="text-align: center;"><b>Thursday</b></p> <ol style="list-style-type: none"> <li>1. 2:45</li> <li>2. 4</li> <li>3. 94</li> <li>4. 50</li> <li>5. 2,000</li> <li>6. 7, 003</li> <li>7. 6</li> <li>8. 40</li> <li>9. 25</li> <li>10. parallel lines</li> <li>11. 340</li> <li>12. 35</li> <li>13. 130</li> <li>14. <math>\frac{1}{4}</math></li> <li>15. 20.0</li> <li>16. octagon</li> <li>17. 1, 7</li> <li>18. 118</li> <li>19. 100, 150</li> <li>20. 4</li> </ol> <p style="text-align: center;"><b>Problem-solving</b></p> <p style="text-align: center;"><b>Monday</b></p> <ol style="list-style-type: none"> <li>1. 16, 20</li> <li>2. 24</li> </ol> <p style="text-align: center;"><b>Tuesday</b></p> <ol style="list-style-type: none"> <li>1. 12, 12</li> <li>2. 125</li> </ol> <p style="text-align: center;"><b>Wednesday</b></p> <ol style="list-style-type: none"> <li>1. <math>\frac{1}{6}</math></li> <li>2. <math>\frac{1}{2}</math></li> </ol> <p style="text-align: center;"><b>Thursday</b></p> <ol style="list-style-type: none"> <li>1. Teacher check</li> <li>2. <math>1\frac{1}{2}</math></li> </ol> | <p style="text-align: center;"><b>Friday Review</b></p> <ol style="list-style-type: none"> <li>1. 67</li> <li>2. 196</li> <li>3. 30</li> <li>4. 30</li> <li>5. 868</li> <li>6. 3, 6</li> <li>7. 1</li> <li>8. 2, 5, 03</li> <li>9. 1.1</li> <li>10. 9.70</li> <li>11. 300</li> <li>12. 4.5</li> <li>13. 118</li> <li>14. parallel lines</li> <li>15. 3.2</li> <li>16. 4.06</li> <li>17. 74</li> <li>18. 7, 10</li> <li>19. Teacher check</li> <li>20. 8,740</li> <li>21. circle</li> <li>22. 7,000</li> <li>23. <math>90 \div 9, 10</math></li> <li>24. 45</li> <li>25. 250</li> </ol> <p style="text-align: center;"><b>Week 31 pages 92–94</b></p> <p style="text-align: center;"><b>Monday</b></p> <ol style="list-style-type: none"> <li>1. 7.44</li> <li>2. 5</li> <li>3. 5</li> <li>4. 25</li> <li>5. 30</li> <li>6. 1</li> <li>7. 4, 6</li> <li>8. 1.0</li> <li>9. cuboid</li> <li>10. 1,400</li> <li>11. 4.00</li> <li>12. 3</li> <li>13. yes</li> <li>14. 150</li> <li>15. 2, 15</li> <li>16. 820</li> <li>17. 24</li> <li>18. 90</li> <li>19. 7</li> <li>20. False</li> </ol> <p style="text-align: center;"><b>Tuesday</b></p> <ol style="list-style-type: none"> <li>1. 2.08</li> <li>2. 2,000</li> <li>3. 9,000</li> <li>4. 1.1</li> <li>5. 3</li> <li>6. 30</li> <li>7. 25</li> <li>8. <math>\frac{1}{4}</math></li> </ol> | <ol style="list-style-type: none"> <li>9. <math>\frac{22}{100}</math></li> <li>10. Teacher check</li> <li>11. 7.99</li> <li>12. 5.6</li> <li>13. octagon</li> <li>14. 8</li> <li>15. 190</li> <li>16. 24</li> <li>17. 5.2</li> <li>18. yes</li> <li>19. 2.00</li> <li>20. 300</li> </ol> <p style="text-align: center;"><b>Wednesday</b></p> <ol style="list-style-type: none"> <li>1. 9.39</li> <li>2. 1, 30</li> <li>3. 1.2</li> <li>4. 9,000</li> <li>5. cylinder</li> <li>6. 25</li> <li>7. 30</li> <li>8. Teacher check</li> <li>9. 5</li> <li>10. 4</li> <li>11. 15</li> <li>12. 390</li> <li>13. 1.3</li> <li>14. 148</li> <li>15. 5</li> <li>16. 3, 9</li> <li>17. 5, 9</li> <li>18. blue</li> <li>19. red</li> <li>20. yellow</li> </ol> <p style="text-align: center;"><b>Thursday</b></p> <ol style="list-style-type: none"> <li>1. 5.24</li> <li>2. 30</li> <li>3. triangular prism</li> <li>4. 0.9</li> <li>5. 50</li> <li>6. 100</li> <li>7. <math>\frac{1}{2}</math></li> <li>8. 25</li> <li>9. 3,800</li> <li>10. 200</li> <li>11. 4</li> <li>12. 8,000</li> <li>13. 0.7</li> <li>14. vertical</li> <li>15. 50</li> <li>16. 4.25</li> <li>17. 3</li> <li>18. Teacher check</li> <li>19. 490</li> <li>20. A</li> </ol> | <p style="text-align: center;"><b>Problem-solving</b></p> <p style="text-align: center;"><b>Monday</b></p> <ol style="list-style-type: none"> <li>1. A and D, B and E, F and C</li> <li>2. Teacher check</li> </ol> <p style="text-align: center;"><b>Tuesday</b></p> <ol style="list-style-type: none"> <li>1. A regular pentagon has no parallel lines</li> <li>2. 5</li> </ol> <p style="text-align: center;"><b>Wednesday</b></p> <ol style="list-style-type: none"> <li>1. B</li> <li>2. B</li> </ol> <p style="text-align: center;"><b>Thursday</b></p> <ol style="list-style-type: none"> <li>1. 500</li> <li>2. obtuse</li> </ol> <p style="text-align: center;"><b>Friday Review</b></p> <ol style="list-style-type: none"> <li>1. 10.42</li> <li>2. 30</li> <li>3. 2.7</li> <li>4. 25</li> <li>5. 7,000</li> <li>6. 1.3</li> <li>7. 11</li> <li>8. 9,000</li> <li>9. 11</li> <li>10. 3.4</li> <li>11. yes</li> <li>12. 1, 15</li> <li>13. 7.78</li> <li>14. 3.0</li> <li>15. A</li> <li>16. B</li> <li>17. <math>\frac{3}{4}</math></li> <li>18. 6</li> <li>19. 15</li> <li>20. 490</li> <li>21. Teacher check</li> <li>22. 1.00</li> <li>23. 760</li> <li>24. 48</li> <li>25. 32</li> </ol> <p style="text-align: center;"><b>Week 32 pages 95–97</b></p> <p style="text-align: center;"><b>Monday</b></p> <ol style="list-style-type: none"> <li>1. 11.33</li> <li>2. 0.3</li> <li>3. cube</li> <li>4. 8.50</li> <li>5. 3.3</li> <li>6. 7.75</li> <li>7. 6,000</li> <li>8. 389</li> <li>9. 5.6</li> <li>10. 2.50</li> <li>11. 2.25</li> <li>12. 1.0</li> <li>13. Teacher check</li> <li>14. 1,300</li> </ol> | <ol style="list-style-type: none"> <li>15. 2,800</li> <li>16. 1,800</li> <li>17. 10.25</li> <li>18. horizontal</li> <li>19. True</li> <li>20. 110</li> </ol> <p style="text-align: center;"><b>Tuesday</b></p> <ol style="list-style-type: none"> <li>1. 3,299</li> <li>2. <math>\frac{3}{4}</math></li> <li>3. 36</li> <li>4. 1,100</li> <li>5. 5.60</li> <li>6. 0.4, 0.05</li> <li>7. 5.5</li> <li>8. Teacher check</li> <li>9. 25</li> <li>10. Teacher check</li> <li>11. 1,700</li> <li>12. 250</li> <li>13. 11/100</li> <li>14. 0.60</li> <li>15. 10</li> <li>16. 6,429</li> <li>17. 700</li> <li>18. 19</li> <li>19. 288</li> <li>20. 5</li> </ol> <p style="text-align: center;"><b>Wednesday</b></p> <ol style="list-style-type: none"> <li>1. 5.49</li> <li>2. 100</li> <li>3. 32</li> <li>4. 8.8</li> <li>5. <math>\frac{8}{10} (\frac{4}{5})</math></li> <li>6. 73.25</li> <li>7. 20.00</li> <li>8. 1, 6</li> <li>9. 1,200</li> <li>10. 72</li> <li>11. 7, 3</li> <li>12. 36</li> <li>13. 18</li> <li>14. 3.8</li> <li>15. 75</li> <li>16. 8,523</li> <li>17. 1, 20</li> <li>18. 285</li> <li>19. 29</li> <li>20. horizontal</li> </ol> <p style="text-align: center;"><b>Thursday</b></p> <ol style="list-style-type: none"> <li>1. 8.08</li> <li>2. 20</li> <li>3. 69.9</li> <li>4. Teacher check</li> </ol> |
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# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

## Week 33 pages 98–100

### Monday

- $\frac{79}{100}$
- 1,300
- 5.48
- 65
- 4
- 1.75
- 2.4
- 50
- Teacher check
- 8.40
- 9,000
- 25.55
- 3, 6
- 10.50
- 383
- Teacher check
- Teacher check
- 30
- 1.1
- 4

### Tuesday

- 56
- 9.50 a.m.
- 20
- 991
- 1
- 7.8
- 47
- Teacher check
- line graph
- 8,000
- 44.29
- 10.50 p.m.
- 583
- horizontal
- 200.00
- 4.0
- $\frac{6}{10}$  ( $\frac{3}{5}$ )
- 6
- 20
- 1, 55

### Wednesday

- 250
- 2.7
- 6.9
- 3.6
- 1,500
- $\frac{38}{100}$
- 883
- Teacher check
- 6,000
- 90
- 2.35 a.m.
- 59.99
- $\frac{3}{4}$

- 9.9
- 15.50
- 1,300
- 45
- 4,900
- Teacher check
- 3
- 42.96
- 2,970
- 1, 35
- 685
- 5.75
- vertical
- 12
- 8, 8, 11
- B

### Problem-solving

#### Monday

- 10
- 4

#### Tuesday

- 900
- 8,740

#### Wednesday

- 26
- 260

#### Thursday

- 5
- C

### Friday Review

- 2,825
- 1,700
- 7.7
- 7.55
- 4.5
- 1,500
- 34
- 2.59
- 21
- True
- 385
- 9
- 62.73
- Teacher check
- 10.05
- Teacher check
- 2,800
- 7.20
- $\frac{1}{4}$
- Teacher check
- Teacher check
- triangular prism
- 3.20
- B
- 12.50

- 17.59
- 8
- E and A
- 50
- B
- 2, 15
- 16

### Thursday

- A
- 387
- 7,500
- vertical
- 80
- 7,000
- 48
- 7.7
- 2, 0.9, 0.06
- Teacher check
- 125.51
- 7,999
- 6.26
- 110
- 80
- 500
- 55
- 250
- equilateral triangle
- 40

### Problem-solving

#### Monday

- 60
- 150

#### Tuesday

- 50
- 750

#### Wednesday

- B, C
- $\frac{3}{8}$

#### Thursday

- 50
- 250

### Friday Review

- $\frac{43}{100}$
- 283
- 1,400
- 6.57
- 3.40 p.m.
- 1,200.00
- 8.8
- 2.4
- 2, 25
- Teacher check
- 120
- 5, 8
- 1, 8
- vertical
- 58.93

- 3.0
- B
- 3, 6
- 5
- 7,000
- 8,000
- 9.50
- 95
- Teacher check
- 250

## Week 34 pages 101–103

### Monday

- A
- 5,025
- 30<sup>th</sup> of June
- 90
- 8.10 p.m.
- 7.76
- 450
- 18
- 5,432
- $\frac{1}{2}$  l
- 83
- 8,000
- scalene
- 0
- 54.25
- 9.1
- cone
- circle
- 20
- 1.0

### Tuesday

- 10.03
- 4069
- 1<sup>st</sup> of November
- 150
- 27
- 8
- 9
- 24
- 3.25
- 20
- 62.93
- 989
- square
- 5.5
- 250
- 45
- 7,025
- 10.1
- 0.8
- 250

### Wednesday

- 10.03
- 1,000 m
- 550
- 30<sup>th</sup> of April
- 7
- 9,204
- 1,800
- 4.7
- 10.93
- Teacher check
- $\frac{1}{6}$
- equilateral
- $\frac{6}{10}$  ( $\frac{3}{5}$ )
- True
- 5.1
- 11.25 a.m.
- 3.15 p.m.
- 8.50 p.m.
- 20 minutes
- 1 hour 30 minutes

### Thursday

- B
- 25
- isosceles
- 70
- 5<sup>th</sup> of October
- 1
- 750
- 8.85
- 1,500
- A
- 1.5
- $\frac{1}{8}$
- 550
- 2
- 2,000
- 65
- 4
- 4
- 100
- 23.00

### Problem-solving

#### Monday

- 5
- 9

#### Tuesday

- triangle, triangle, square
- pentagon, pentagon, triangle

#### Wednesday

- Teacher check
- 250

#### Thursday

- $4\frac{1}{2}$
- $\frac{3}{4}$

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

## Friday Review

1. 6.06
2. 5.49
3. 45
4. 7,103
5. Teacher check
6. 21
7. 0.7
8. 14
9. 31<sup>st</sup> of July
10. 9
11. 20
12. 1,400
13. 48
14. 20
15. 250
16. 650
17. 4.35
18.  $\frac{1}{8}$
19. 40
20. 55.93
21. rectangle
22. 24.00
23. 1.0
24. 0
25. 450

## Week 35 pages 104–106

### Monday

1. 250
2. 1.8
3. 4.55
4. 10.0
5. 8,655
6. 29
7. 2
8. 9.7
9. rhombus
10. 1.5
11. 65.45
12. 5
13. 13.00
14. True
15. yes
16. no
17. 36
18. 14
19. 36
20. 8,521

### Tuesday

1. square centimetre
2. 4.1
3. 2,758
4. Teacher check
5. 0.17
6. 9.28
7. B and E
8. 4

9. semicircle

10. 2, 4
11. 23
12. 4,500
13. 120
14. yes
15.  $\frac{1}{4}$
16. 750
17. 1.2
18. 1, 30
19. 1,975
20. 3

### Wednesday

1. square metre
2. 477
3. 24.47
4. 6
5. A
6. 18
7. 0.12
8. Teacher check
9. 4,558
10. 1, 2
11. 0.4
12. hexagon
13. 6.25
14. 4.0
15. 1,250
16. H and D
17. 0.7
18. 150.00
19. 5
20. thousands

### Thursday

1. 32
2.  $\frac{3}{4}$
3. 2, 15, 135
4. 577
5. 89.55
6. 25
7.  $\frac{39}{100}$
8. 8
9. 6,785
10. 1,750
11. Teacher check
12. 2.7
13. 100
14. obtuse
15. 5.0
16. 94
17. 1.2
18. 51
19. 33
20. no

## Problem-solving

### Monday

1. 8
2. 4

### Tuesday

1. 16
2. 18

### Wednesday

1. triangle, triangle, triangle, pentagon
2. Elaine is wrong. Triangles can tessellate.

### Thursday

1. 138
2.  $14\frac{1}{2}$

### Friday Review

1. 0.19
2. 5.2
3. 677
4. 6.5
5. 54
6. 3
7. 8.23
8. 6,958
9. 4
10. 32
11. Teacher check
12. 1.6
13. B
14. 9
15. yes
16. 2,750
17. cm<sup>2</sup>
18. A
19. 2.0
20. 1,250
21. yes
22.  $\frac{3}{4}$
23. 2, 15, 135
24. 6
25. 6, 45

## Week 36 pages 107–109

### Monday

1. km
2. 0.78
3. 2.2
4. 500
5. 7,100
6. 7,000
7. 200
8. 32
9. 1.50
10. Teacher check
11. yes
12. 580
13. 58

14. 40

15. 1, 45, 105
16. 3
17.  $1\frac{1}{2}$  hours
18. yes
19. GMTV
20. Soapwatch

### Tuesday

1. 250
2. 0.5
3. 0.04
4. 40
5. 4,000
6. 30
7. 2, 20
8. 3.55
9. 30
10. 565
11.  $\frac{1}{2}$
12. 1, 2
13. 250.00
14. 8.33, 8.48
15. 3
16. horizontal
17.  $\frac{1}{4}$
18. 2.50
19. 48
20. 3.8

### Wednesday

1. 9, 28
2. 673
3. 2.61
4. 0.53
5. 40
6. 800
7. 6,950
8. False
9. 44.44
10. Teacher check
11. no
12. 1,180
13. 2, 30, 150
14. 1,050
15. 9,807
16. 7.21, 7.35
17. 2.7
18. 4.50
19. 63
20. 9, 4

### Thursday

1. Teacher check
2. 573
3. 60
4. 6
5. 40
6. 0.75

7. 36.52

8. 2, 45
9. 0.8
10. 10.57, 11.21, 11.33
11. 26
12. 0.15
13.  $\frac{7}{10}$
14. 3.3
15. 72
16. 9.50
17. 699
18. 5.3
19. July/August
20. January

## Problem-solving

### Monday

1. A
2. A

### Tuesday

1. 25
2. 85

### Wednesday

1. Teacher check
2. 60

### Thursday

1. 40
2. 5

### Friday Review

1. Teacher check
2. 75.35
3. 63
4. November
5. March, December
6. Teacher check
7. no
8. 15
9. 2,983
10. 1.8
11. 671
12. 1, 45, 105
13. 799
14. 0, 4
15. 6
16. 5.50
17. 3, 25
18. 7.6
19. vertical
20. 3,000
21. 11.56, 12.12
22. 7.50
23. 80
24. 0.3
25. 25

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

## Week 37 pages 110–112

### Monday

1. Teacher check
2. 54
3. 36
4. 1,300
5. 5.50
6. 4
7. 350
8. 7.50
9. 2,200
10. 500
11. 32
12. 1.5
13. 1.1
14. no
15. 6.23
16. 7
17. 1,905
18. 7
19. 14
20. 21

### Tuesday

1. 10:45
2. 3
3. 4
4. 34
5. 1,300
6. 310
7. 3.20
8. 6.25
9. 4, 0
10. Teacher check
11. 28
12. 9.50
13. 28
14. 0.2
15. 3.20
16. 2.0
17. 3
18. 2.0
19. 1,100
20. 3, 6

### Wednesday

1. Teacher check
2. 367
3. 15
4. False
5. 27
6. 2,100
7. 75
8. 0.1
9. Teacher check
10.  $4 \div 7, 7$
11. 6.3
12. Teacher check
13. 7,500

14. 0
15. August
16. 750
17. 32
18. 70
19. horizontal
20. 75

### Thursday

1. Teacher check
2. 87.33
3. triangular pyramid
4. 0.4
5. 1,520
6. yes
7. 2,400
8. 360
9. 8,479
10. 36
11. 130
12. 3.2
13. 7.6
14. 7
15. 55
16. 49
17. 29
18. 0.9
19. 0.1
20. 6, 50

### Problem-solving

#### Monday

1. A
2. A

#### Tuesday

1. Teacher check
2. Teacher check

#### Wednesday

1. 40
2. 0.5 seconds

#### Thursday

1. 6
2.

### Friday Review

1. Teacher check
2. 96.95
3. 20
4. 7
5. 3.2
6. 850
7. 1.8
8. 24
9. 3
10. 24
11. 360
12. 3
13. 2,100
14. 55
15. yes

16. 3
17. 4
18. 40
19. 6.35
20. 0.4
21. 130
22. 5
23. 28
24. 44
25. 3.6

## Week 38 pages 113–115

### Monday

1. Teacher check
2. 0.2
3. 8
4. 17.20
5. 5,400
6. 4,044
7. 80
8. 14
9. 4
10. 8,959
11. 9
12. 0.8
13. 21
14. 0.6
15. 24
16. 5.1
17. A
18. 5,000 g
19. 1,000
20. False

### Tuesday

1. Teacher check
2. 0.7
3. 60
4. 0.45
5. 5, 11
6. 2
7. 45
8. Teacher check
9. B
10. 17
11.  $\frac{5}{100}$  (0.15)
12. 6
13. 6
14. 35
15. 50
16. 32
17. 55
18. True
19. square
20. 1.2

### Wednesday

1. Teacher check
2. 0.05
3. 240
4. 2.50
5. 2.5
6. 11.70
7. 0.18
8. Teacher check
9. 8,000
10. 3, 50
11. tenths
12. A
13. 10
14.  $\frac{1}{2}$
15.
16. A
17. 750
18. 16
19. 38
20. 155

### Thursday

1. 8,950
2. 365
3. 0.4
4. 1,600
5. 0.25
6. 2
7. A
8. 75
9. 220
10. Teacher check
11. vertical
12. 18
13. 16
14. 5, 6
15. 0.1 m
16. 61
17. 200
18. 3,342
19. 3, 15
20.  $\frac{92}{100}$

### Problem-solving

#### Monday

1. >
2. 80

#### Tuesday

1. 25
2. Teacher check

#### Wednesday

1. 19
2. 12

#### Thursday

1. 2
2. 22

### Friday Review

1. Teacher check
2. 160
3. 1,500
4. 0.3
5. 24
6. 0.33
7. 125
8.  $8 + 12, 20$
9. 6.24
10. 2, 25
11. 100
12. 1,050
13. parallel, perpendicular
14. 28
15. 0.9
16. 0, 6
17. 20
18. 1,238
19. 600
20. A
21. 25
22. True
23. 0.6
24. Teacher check
25. B

## Week 39 pages 116–118

### Monday

1. 1
2. 2,00
3. 4.11, 4.19, 4.27
4. 12
5. 8
6. 1, 45
7. 5.55
8. 60
9. 2,952
10. 675
11. 200
12. 5, 2
13. 6
14. 9
15. 0.3
16. 3
17. 2.3
18. 70
19. 11.08
20. 4,023

### Tuesday

1.  $1\frac{1}{2}$  (1.5 kg)
2. 8, 0
3. 4,000
4. 13
5. 5
6. A and E, H and D, C

# NEW WAVE MENTAL MATHS (4th Class Book) – Answers

- and G, B and F
7. 2.22
  8. 6
  9. 9.50, 10.20, 10.35
  10. 120
  11. 775
  12. 40
  13. 9.32
  14. 9
  15. 1.1, 1, 0.9, 0.6
  16. 9,951
  17. 850
  18. 1,005
  19. 2
  20. 6,363

### Wednesday

1. 11.52
2. 13
3. 5,000
4. 7
5. 7.00 a.m.
6. 70.77
7. 1,000
8. 0.2
9. 42
10. Teacher check
11. 693
12. 7
13. 50
14. Teacher check
15. 16
16. 775
17. 170
18. 4.0
19. 1,008
20. 6,900

### Thursday

1. 2.02
2. 0.4
3. diagonal
4. 6,000
5. 5, 55
6. 16
7. 9
8. 9
9. 20.22
10. 0.9
11. 160
12. 975
13. 32
14. octagon
15.  $\frac{1}{2}$  l
16. 2
17. 3.0
18. 3, 2
19. 1
20. 11.80

### Problem-solving

#### Monday

1. 8, 9
2. 3, 45

#### Tuesday

1. 16
2. Teacher check

#### Wednesday

1.  $\triangle$
2. equilateral

#### Thursday

1. 25
2. 4, 3

### Friday Review

1.  $2\frac{1}{2}$  (2.5 kg)
2. 5,000
3. 7
4. 4
5. 30.76
6. 975
7. 60
8. 2, 35
9. 6.3
10. 0.4
11. 55
12. yes
13. 240
14. 2,333
15. A and D, F and C, E and B
16. Teacher check
17. 6,042
18. 2
19. 2.24, 2.39
20. 24
21. 3.0
22. vertical
23. False
24. 1,006
25. 468

### Week 40 pages 119–121

#### Monday

1. 1.08
2. 15.10
3. 1.95
4. 140
5. 75
6. 5.3
7. 10.0
8. 9
9. A
10. 600
11. 400
12. 899
13. 12
14. 8.65
15. 0.25

16. 1.0
17. tenths
18. 12
19. 24
20. 36

### Tuesday

1. 7.07
2. 80
3. 55
4. 170
5. 7, 25
6. 6.6
7. 4.5
8. 270
9. Teacher check
10. 1.0
11. 4
12. 300
13. semicircle
14. 1, 2
15. 22, 11
16. Teacher check
17. 16
18. 1,900
19. 7,889
20. 130

### Wednesday

1. 3.49
2. 875
3. 80.25
4. 180
5. 10<sup>th</sup> of January
6. 9.9
7. 3.7
8. 20
9. 6.8
10. 7.50
11. 2.50
12. 2.59
13. 210
14. no
15. 0.3
16. 20
17. 1,020
18. 30
19. 10
20. 0.8

### Thursday

1. 1.51
2. 1<sup>st</sup> of January
3. Teacher check
4. 1.8
5. 65
6. 6, 5
7. 7.7
8. 110

9. 15, 5
10. 0.04
11. 6.40
12. 480
13. 480
14. triangular pyramid
15. 40
16. 20
17. 288
18. 5,713
19. 10
20. 7.80

### Problem-solving

#### Monday

1. 75
2. 225

#### Tuesday

1. 36
2. 60

#### Wednesday

1. Teacher check
2. 12

#### Thursday

1. 1, 400
2. 300

### Friday Review

1. 5.53
2. 720
3. 1,100
4. 2,700
5. 25
6. 110
7. 0.7
8. 50
9. 14.40
10. 1.0
11. 18
12. 160
13. 10.0
14. 7.95
15. 110
16. 0.2
17. 990
18. 250 ml
19. 28, 9
20. Teacher check
21. Teacher check
22. 36
23. 10
24. 1, 2
25. 846

