New Wave

Mental Maths

TEACHERS MANUAL

REVISED EDITION

CURRICULUM LINKED

3rd Class

Senior Infants — New Wave Mental Maths

1st Class — New Wave Mental Maths

2nd Class — New Wave Mental Maths

3rd Class — New Wave Mental Maths

4th Class — New Wave Mental Maths

5th Class — New Wave Mental Maths

6th Class — New Wave Mental Maths

$^+5 + ^-7 = \square$

Obtuse angle

DIAMETER
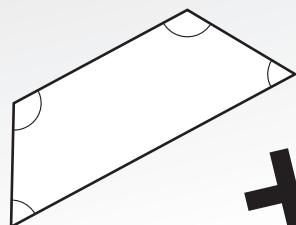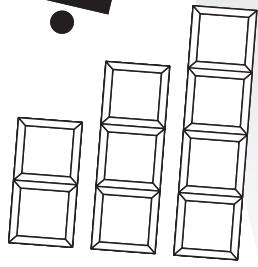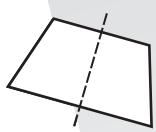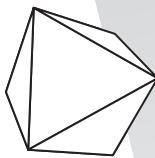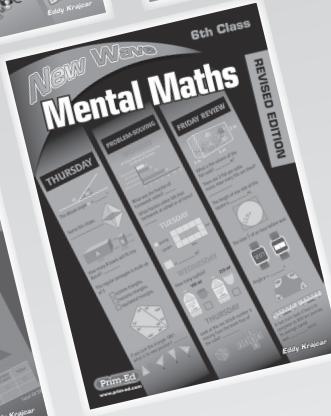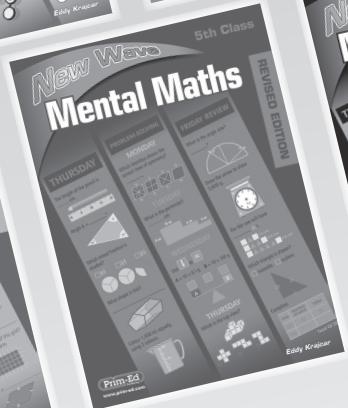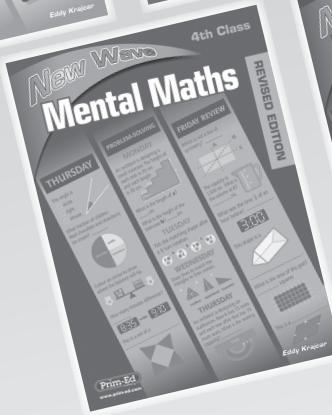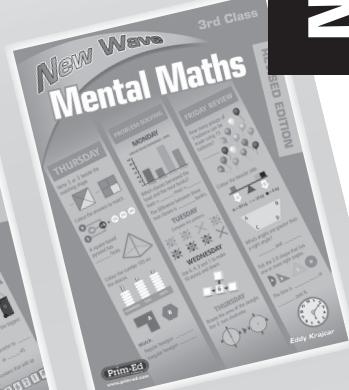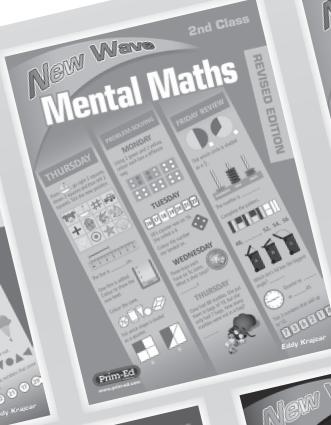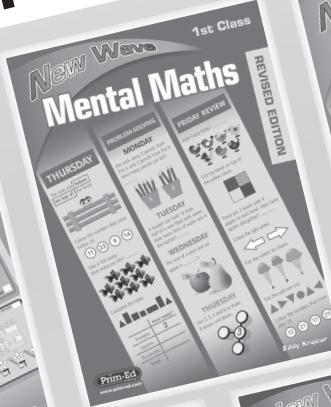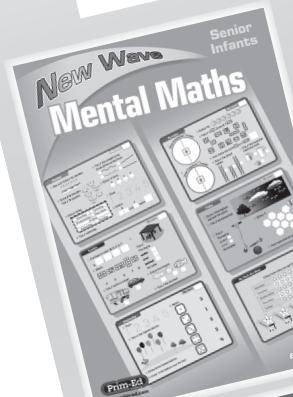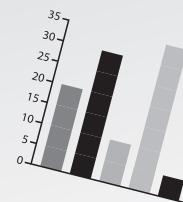
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New Wave Mental Maths Workbook – 1st Class
New Wave Mental Maths Workbook – 2nd Class
New Wave Mental Maths Workbook – 3rd Class
New Wave Mental Maths Workbook – 4th Class
New Wave Mental Maths Workbook – 5th Class
New Wave Mental Maths Workbook – 6th Class

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CONCEPT DEVELOPMENT – Week by Week 3rd Class Book

WEEK 1

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

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape

MEASURES
Length
Time
Money

WEEK 2

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

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape

MEASURES
Length
Time

WEEK 3

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

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape
3-D shape
Lines and angles

MEASURES
Length
Weight
Time
Money

WEEK 4

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

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape
3-D shape
Lines and angles

MEASURES
Weight
Time

Money

DATA
Chance

WEEK 5

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

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape
3-D shape
Lines and angles

MEASURES
Length
Weight
Time
Money

DATA
Chance

WEEK 6

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

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
3-D shape
Lines and angles

MEASURES
Length
Time
Money

WEEK 7

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

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape
3-D shape
Rotation
Lines (horizontal/vertical)

MEASURES
Length
Time (telling)
Money

DATA
Chance

WEEK 8

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Fraction

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape
3-D shape
Lines and angles

MEASURES
Length
Weight
Time
Money

DATA
Representing and interpreting data
Chance

WEEK 9

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Fraction

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape
3-D shape
Lines and angles

MEASURES
Length
Time
Money

WEEK 10

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Fraction

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape
3-D shape
Lines and angles

MEASURES
Length
Time
Money

DATA
Chance

CONCEPT DEVELOPMENT – Week by Week 3rd Class Book

WEEK 11

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

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Capacity
Time
Money

DATA
Representing and interpreting data

WEEK 12

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

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Weight
Capacity
Time
Money

DATA
Representing and interpreting data

WEEK 13

NUMBER
Place value
Operations (Addition and subtraction)
Fractions

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shape
3-D shape
Symmetry
Lines and angles

MEASURES
Weight
Capacity
Time
Money

DATA
Chance

WEEK 14

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

ALGEBRA
Number patterns and sequences

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Weight
Time
Money

DATA
Representing and interpreting data

WEEK 15

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

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
2-D shapes
3-D shapes
Lines and angles

MEASURES
Length
Weight
Capacity
Time
Money

DATA
Chance

WEEK 16

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

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES

Length
Area
Weight
Capacity
Time
Money

DATA
Representing and interpreting data
Chance

WEEK 17

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

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
2-D shapes
3-D shapes
Lines and angles

MEASURES
Length
Area
Weight
Capacity
Time
Money

DATA
Representing and interpreting data
Chance

WEEK 18

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

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Area
Weight
Capacity
Time
Money

DATA
Chance

CONCEPT DEVELOPMENT – Week by Week 3rd Class Book

CONCEPT DEVELOPMENT – Week by Week 3rd Class Book

MEASURES
Weight
Time
Money
DATA
Representing and interpreting data
Chance

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Operations (Division)
Fractions
Decimals
ALGEBRA
Number patterns and sequences
Number sentences
SPACE AND SHAPE
2-D shape
3-D shape
Symmetry
Lines and angles
MEASURES
Length
Area
Weight
Capacity
Time
Money

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Operations (Division)
Fractions
Decimals
ALGEBRA
Number patterns and sequences
Number sentences
SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles
MEASURES
Length
Time
Money
DATA
Representing and interpreting data

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

ALGEBRA
Number patterns and sequences
Number sentences
SPACE AND SHAPE
3-D shapes
Symmetry
Lines and angles
MEASURES
Length
Area
Weight
Time
Money
DATA
Representing and interpreting data
Chance

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Operations (Division)
Fractions
Decimals
ALGEBRA
Number patterns and sequences
Number sentences
SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles
MEASURES
Length
Area
Weight
Time
Money
DATA
Representing and interpreting data
Chance

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Operations (Division)
Fractions
Decimals
ALGEBRA
Number patterns and sequences
Number sentences
SPACE AND SHAPE
3-D shapes
Symmetry
Lines and angles
MEASURES
Area
Capacity
Money

DATA
Representing and interpreting data
Chance

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Operations (Division)
Fractions
Decimals
ALGEBRA
Number patterns and sequences
Number sentences
SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles
MEASURES
Length
Weight
Capacity
Time
Money
DATA
Representing and interpreting data
Chance

NUMBER
Place value
Operations (Addition and subtraction)
Operations (Multiplication)
Operations (Division)
Fractions
Decimals
ALGEBRA
Number patterns and sequences
Number sentences
SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles
MEASURES
Area
Capacity
Time
Money
DATA
Representing and interpreting data
Chance

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

CONCEPT DEVELOPMENT – Week by Week 3rd Class Book

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Area
Time
Money

DATA
Representing and interpreting data
Chance

WEEK 35

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

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Area
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

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Weight
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

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Area
Weight
Time
Money

DATA
Representing and interpreting data

WEEK 38

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

ALGEBRA
Number patterns and sequences
Number sentences

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Length
Time
Money

DATA
Chance

WEEK 39

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

SPACE AND SHAPE
2-D shape
3-D shape
Symmetry
Lines (horizontal/parallel/vertical)
Angles/Rotation

MEASURES
Length
Area
Weight
Capacity
Time
Money

DATA
Chance

WEEK 40

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

SPACE AND SHAPE
2-D shapes
3-D shapes
Symmetry
Lines and angles

MEASURES
Area
Weight
Time
Money

DATA
Representing and interpreting data
Chance

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

Week 1 pages 2–4

Monday

1. 5.10 or 10 past 5
2. 16
3. 6
4. Teacher check
5. 8
6. 6
7. 10
8. 5
9. 10
10. 7
11. 7
12. 365
13. 14
14. 5
15. Teacher check
16. 100
17. semicircle
18. 8
19. odd
20. 50

Tuesday

1. 7.20 or 20 past 7
2. 8
3. 20
4. 10
5. 2
6. 3
7. 130
8. 8
9. 21
10. 80
11. cm
12. 0
13. 10
14. 60
15. Big Moo
16. 20
17. 10
18. even
19. 200
20. 632

Wednesday

1. 2.25 or 25 past 2
2. 110
3. 8
4. 37
5. 4
6. 4
7. 16
8. Teacher check
9. 2
10. 3
11. 8
12. 24
13. 10
14. 1

15. 4
16. 12
17. Teacher check
18. 6
19. 70
20. 275

Thursday

1. 10.05 or 5 past 10
2. 10
3. 12
4. Teacher check
5. 6
6. 7
7. 6
8. 18
9. m
10. 4
11. 10
12. 763
13. Teacher check
14. 7
15. 60
16. 100
17. 9
18. 10
19. 2
20. 80

Problem solving

Monday

1. 11
2. cube

Tuesday

1. 10
2. 8

Wednesday

1. 22c
2. 35c

Thursday

1. triangle
2. square

Friday review

1. 6.10 or 10 past 6
2. 20
3. 440
4. 15
5. 5
6. 365
7. 100
8. 6
9. 4
10. odd
11. Teacher check
12. 173
13. 17
14. 7
15. 14
16. Teacher check
17. 90

18. 14
19. m
20. 5
21. Teacher check
22. 24
23. 525
24. 8
25. 60

Week 2 pages 5–7

Monday

1. 4.05 or 5 past 4
2. 10
3. 60
4. 9
5. Teacher check
6. 5
7. 40
8. 30
9. odd
10. >
11. Teacher check
12. cm
13. 4
14. autumn
15. 365
16. 52
17. 17
18. 167
19. 12
20. 78

Tuesday

1. 8.20 or 20 past 8
2. 100
3. 15
4. 9
5. 10
6. 10
7. 4
8. 14
9. Teacher check
10. even
11. 1
12. <
13. 6
14. 3
15. 11
16. 14
17. 60
18. day
19. 7
20. 1

Wednesday

1. 5.10 or 10 past 5
2. 6
3. 87
4. 10
5. 10

6. 12
7. 12
8. 0
9. 3
10. 11
11. 10
12. 220
13. odd
14. Teacher check
15. Teacher check
16. =
17. 12
18. 48
19. fortnight
20. 60

Thursday

1. 11.25 or 25 past 11
2. 37
3. 10
4. odd
5. leap
6. <
7. 83
8. 34
9. 20
10. 10, 25
11. 10
12. 10
13. 4
14. hexagon
15. 11
16. 7
17. 50
18. 15
19. 3
20. 352

Problem solving

Monday

1. 15
2. 52

Tuesday

1. 5
2. 5

Wednesday

1. 12
2. 15

Thursday

1. 40
2. 20

Friday review

1. 11.20 or 20 past 11
2. 20
3. 2
4. 2
5. 366
6. >
7. 20
8. summer

9. 20
10. 14
11. 10
12. 24
13. 7
14. 13
15. 4
16. 376
17. 30
18. 60
19. 18
20. 6
21. 247
22. Teacher check
23. 25
24. 6
25. 15

Week 3 pages 8–10

Monday

1. 5 past 2
2. 60
3. 3
4. 30
5. 300
6. 1
7. 9
8. 148
9. 30
10. A
11. Teacher check
12. 13
13. 12
14. 6
15. $\frac{3}{4}$
16. 4
17. 600
18. 70
19. 6
20. Teacher check

Tuesday

1. 10 past 10
2. 40
3. 21
4. 31
5. 2
6. B, C
7. A, C
8. 29
9. 70
10. 20
11. 70
12. Teacher check
13. 28
14. 5
15. 80
16. Monday
17. 5
18. Teacher check

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

19. 11
20. 300

Wednesday
1. 20 past 8
2. 4
3. 3
4. 21
5. 84
6. 9
7. 20
8. Teacher check
9. 50
10. B
11. 29
12. 4
13. 5
14. cuboid
15. before
16. D
17. 900
18. 30
19. 50
20. 55

Thursday
1. 25 past 5
2. 190
3. 6
4. 3
5. 30
6. Teacher check
7. 12
8. 88
9. 81
10. after
11. 278
12. 300
13. m
14. pyramid
15. Teacher check
16. >
17. 40
18. 60
19. 16
20. 40

Problem solving
Monday
1. 13
2. 34
Tuesday
1. B
2. C
Wednesday
1. 19
2. 22
Thursday
1. 3.50
2. 1.80

Friday review
1. 20 past 12
2. 30
3. after
4. 70
5. 30
6. 70
7. 32
8. 6
9. 283
10. 3
11. 100
12. Thursday
13. 40
14. B
15. 53
16. m
17. 20
18. A
19. 12
20. 7
21. Teacher check
22. Saturday
23. 500
24. 98
25. 10

Week 4 pages 11–13
Monday
1. 10 past 5
2. 20
3. 500
4. 9
5. hundreds
6. Teacher check
7. 2.00
8. 70
9. 88
10. cone
11. 13
12. 100
13. 4
14. 9
15. 4
16. 40c
17. 10c
18. 6
19. possible
20. Sunday

Tuesday
1. 25 past 3
2. 6
3. 6
4. Teacher check
5. 15
6. 80
7. 4
8. 50c
9. 6
10. 4
11. 9
12. 3
13. A
14. 1000g
15. possible
16. 200
17. 15
18. 26
19. 5
20. hundreds

Wednesday
1. 5 past 11
2. 12
3. 9
4. 70
5. 17
6. 5
7. 12
8. Thursday
9. 79
10. tens
11. 3
12. cube
13. 4
14. B
15. 427
16. 9
17. 2
18. 60c
19. B
20. 85

Thursday
1. 20 past 8
2. 16
3. 3.50
4. 12
5. 42
6. 60
7. 5, 11
8. hundreds
9. triangular prism
10. 600
11. 90
12. oval
13. Teacher check
14. 13
15. 3
16. 12
17. 4, 12
18. 7
19. 2
20. A

Problem solving
Monday
1. 28
2. 12

Tuesday
1. 10
2. 5
Wednesday
1. 600
2. 600
Thursday
1. 4
2. 8

Friday review
1. 5 past 10
2. 12
3. 9
4. oval
5. B
6. 15
7. 15
8. 42
9. 4
10. 4
11. 20
12. Saturday
13. <
14. 2
15. 60
16. pyramid
17. 14
18. 4.50
19. 68
20. 45c
21. Teacher check
22. 4
23. 60c
24. 10
25. tens

Week 5 pages 14–16
Monday
1. 12
2. 12
3. 16
4. 3
5. 4
6. 5
7. 414
8. 26
9. 11
10. 5
11. possible
12. 800
13. 6
14. 18
15. m
16. vertical
17. Teacher check
18. 122
19. 20
20. 862

Tuesday
1. 15
2. 27
3. 30
4. 16
5. 10
6. 14
7. 30
8. 3
9. triangular prism
10. 14
11. hexagon
12. 3
13. 80c
14. 1.50
15. 6
16. 5
17. 21
18. yellow
19. winter
20. horizontal

Wednesday
1. 30
2. 8
3. 14.50
4. 20
5. A
6. 8
7. 88
8. semicircle
9. 13
10. 20
11. odd
12. 30
13. 10
14. 325
15. vertical
16. 18
17. sphere
18. 5
19. 29
20. 500

Thursday
1. 45
2. 40
3. 4
4. 110
5. 4
6. 30
7. 24
8. 4.50
9. 10
10. 12
11. 394
12. 14
13. Teacher check
14. summer
15. 80

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

16. 50
17. 3
18. B, A
19. yes
20. 12

Problem solving
Monday
1. 6
2. 16
Tuesday
1. 6
2. 3
Wednesday
1. 2
2. 3
Thursday
1. 1.00
2. 70c

Friday review
1. 15
2. 33
3. 16
4. 202
5. spring
6. 90
7. 12
8. cm
9. cuboid
10. 2.50
11. 4
12. 900
13. 2
14. 15
15. B
16. 2
17. 1
18. 80
19. horizontal
20. 8
21. B, A
22. 18
23. 12
24. 28.00
25. 8

Week 6 pages 17–19
Monday
1. 60
2. 13
3. 4.00
4. 3
5. Clockwise
6. 6
7. 90
8. March
9. B
10. 30
11. 5

12. 40
13. kg
14. A
15. 2
16. 8
17. 6
18. B
19. cone
20. 20

Tuesday
1. 30
2. 4
3. 3
4. 198
5. 12
6. 4
7. 91
8. square-based pyramid
9. 1000g
10. 12
11. 3
12. 54
13. 17
14. 7
15. Teacher check
16. 232
17. 365
18. 15
19. 2
20. 14

Wednesday
1. 15
2. 12
3. 30
4. 8
5. 6
6. 100
7. 6.50
8. 700
9. 5c
10. 8
11. odd
12. 6
13. 98
14. A
15. anticlockwise
16. 2
17. 30
18. 50
19. A and B
20. 3

Thursday
1. 45
2. 6
3. 5.50
4. 110
5. 4

6. 16
7. 20
8. 12
9. 8
10. even
11. 10c
12. 100
13. 5.40
14. winter
15. 200
16. 175
17. 5
18. 10
19. 30
20. 50

Problem solving
Monday
1. 18
2. 18
Tuesday
1. 20
2. 7
Wednesday
1. 14
2. 5.00
Thursday
1. 24
2. 24

Friday review
1. 45
2. 21
3. 195
4. 8
5. 5
6. 86
7. 400
8. Teacher check
9. 3
10. 110
11. 5
12. 12
13. 8.50
14. 14
15. 12
16. 10
17. 14
18. 80
19. Teacher check
20. Clockwise
21. kg
22. 30
23. C and D
24. autumn
25. 96

Week 7 pages 20–22
Monday
1. 2.35
2. 25
3. 20
4. 4
5. impossible
6. Teacher check
7. B
8. 50
9. 70
10. tens
11. 130
12. 18
13. 20
14. 7
15. 2
16. 5
17. 23
18. 16
19. 199
20. 27

Tuesday
1. 7.50 or 10 to 8
2. 95
3. Clockwise
4. 6
5. 11
6. 21
7. 12
8. m
9. 12
10. centimetres
11. cylinder
12. likely
13. 10.00
14. 900
15. 32
16. 10.20
17. 2
18. 300
19. 4
20. 16.00

Wednesday
1. 4.40 or 20 to 5
2. 2
3. 15
4. 9
5. 12
6. spring
7. 20
8. 4
9. 770
10. 204
11. 3
12. 10
13. triangular prism
14. Clockwise

15. 6
16. 14
17. 1.50
18. 30
19. Teacher check
20. yes

Thursday
1. 2.55 or five to 3
2. 4
3. 5
4. 8
5. Teacher check
6. yes
7. 7
8. 40
9. cube
10. Teacher check
11. 173
12. 50
13. 7
14. 9
15. 6.50
16. 7
17. Y/P, P/Y, P/P, Y/P
18. 400
19. 20
20. 8

Problem solving
Monday
1. 9
   4 1 5
2. 3.30
Tuesday
1. 30
2. Teacher check
Wednesday
1. 8.45
2. 7
   5 3 2
Thursday
1. Teacher check
2. 37

Friday review
1. 2.35 or twenty five to 3
2. Teacher check
3. C
4. Teacher check
5. 6
6. cylinder
7. cm
8. 10
9. Teacher check
10. 3
11. 30
12. 16
13. 199
14. Teacher check

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

15. 6
16. 10
17. 12
18. A
19. 4
20. 6
21. 18
22. 9.00
23. 300
24. 3.50
25. 17

Week 8 pages 23–25

Monday

1. 3.55 or 5 to 4
2. 7
3. 5
4. cuboid
5. Teacher check
6. 3
7. 6
8. 1m 25cm
9. Teacher check
10. 10
11. 45
12. 7
13. 12
14. 38
15. 5
16. 85
17. possible
18. kilograms
19. 140
20. Teacher check

Tuesday

1. 10.35 or 25 to 11
2. 2
3. 10
4. 9
5. 29
6. 40
7. 28
8. 2
9. 600
10. 5
11. 120
12. 1m 42cm
13. 4
14. 50
15. oval
16. Teacher check
17. Y=36, G=24, B=28
18. 5
19. Teacher check
20. hexagon

Wednesday

1. 1.50 or ten to 2
2. 4
3. centimetres
4. 800
5. Teacher check
6. Teacher check
7. 1m 54cm
8. Teacher check
9. gram
10. 8
11. G=33, Y=21, B=24
12. cone
13. 6
14. 15
15. 888
16. 13
17. 100
18. 27
19. 15
20. 120

Thursday

1. 4.40 or 20 to 5
2. 30
3. 1
4. 41
5. 5
6. 5
7. cylinder
8. 3
9. 8
10. 121
11. 25
12. 9.50
13. litres
14. B=30, R=54, O=60
15. 15
16. 120
17. 15
18. anticlockwise
19. Teacher check
20. St Patrick's Day

Problem solving

Monday
1. 2nd, 3rd
2. 80

Tuesday
1. 300
2. 2

Wednesday
1. Teacher check
2. Teacher check

Thursday
1. Teacher check
2. Teacher check

Friday review

1. 2.55 or 5 to 3
2. 1 m 34 cm
3. Christmas Day
4. 1 m
5. 6
6. 20
7. cone
8. 476
9. 100
10. hexagon
11. Teacher check
12. 32
13. 351
14. an oval
15. 800
16. 900
17. pyramid
18. 360
19. 7.50
20. 6
21. Teacher check
22. 15
23. 35
24. B=24, G=32, Y=36
25. 15

Week 9 pages 26–28

Monday

1. 25 to 9
2. 10
3. no
4. Teacher check
5. 8
6. 6 circles
7. 2 m 35 cm
8. 13
9. 75
10. 900
11. 16
12. 200
13. 13.30
14. 3
15. 450
16. B=36, O=38, R=12
17. 20
18. oval
19. Teacher check
20. 616

Tuesday

1. 10 to 11
2. 140
3. 30
4. 80
5. 81
6. 200 + 90 + 6
7. A
8. pyramid

9. Y=21, G=27, B=9
10. Teacher check
11. kilograms
12. 4m 59 cm
13. 90
14. 38
15. 75c
16. 4
17. 500
18. 11
19. cylinder
20. 909

Wednesday

1. 20 to 3
2. 5
3. 7
4. 12
5. spring
6. 40
7. 8.50
8. 5
9. 3 circles
10. 9 m 21 cm
11. 8
12. 25
13. 60
14. 17
15. 40c
16. 9.00
17. 5
18. 130
19. 5
20. 8

Thursday

1. 5 to 1
2. 50
3. 70
4. 2
5. 24
6. 90
7. hexagon
8. 240
9. ¼ ½
10. 24
11. 200
12. no
13. Teacher check
14. 12
15. 5
16. 3
17. 9
18. litres
19. Teacher check
20. 1:05

Problem solving

Monday
1. Teacher check
2. Teacher check

Tuesday

1. 26th April
2. Friday

Wednesday

1.   6
      5 4 1
2.   4
      3 6 1

Thursday

1. C
2. A

Friday review

1. 10 to 4
2. B
3. 1
4. 110
5. hundreds
6. 170
7. 6
8. kilograms
9. 55c
10. autumn
11. 2 m 55 cm
12. 49
13. 50
14. 300, 6
15. 900
16. 18
17. 6
18. 6.50
19. 7
20. 12
21. 6
22. 8
23. 200
24. 4:00
25. O=30, R=36, B=27

Week 10 pages 29–31

Monday

1. 20 to 4
2. 4
3. 11
4. 2
5. square-based pyramid
6. B=5, O=6, R=7
7. 24, 34
8. 6
9. 45
10. 500
11. 30
12. 30
13. 3m 65 cm
14. 70
15. 140
16. 10
17. 6

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

18. 80
19. 300, 8
20. 4

Tuesday

1. 5 to 6
2. 8
3. 35
4. P=7, Y=9, B=10
5. 50
6. Teacher check
7. 309
8. 14
9. 4
10. 6
11. 7
12. 25
13. 8
14. 50c
15. 7
16. Clockwise
17. 8
18. April
19. 5 m 63 cm
20. 110

Wednesday

1. 20 to 4
2. 25
3. 12
4. 100
5. 7
6. 4
7. Teacher check
8. B=6, O=4, R=8
9. 14
10. December
11. 900
12. 130
13. 1
14. 8
15. 1.50
16. ½ and ¼
17. 7
18. 9.30
19. 7 m 42 cm
20. 14

Thursday

1. 25 to 12
2. 7
3. 8
4. 185
5. 11
6. C
7. 15 mins
8. 9 m 62 cm
9. 70
10. pyramid
11. 6

12. 2
13. 16
14. 15
15. 70
16. 6
17. P=0, Y=9, B=27
18. 24
19. 6
20. 8

Problem solving

Monday

1. neigh
2. 7

Tuesday

1. Teacher check
2. Teacher check

Wednesday

1. 12
2. 70

Thursday

1. 3.40
2. 40

Friday review

1. 25 to 12
2. 20
3. 60 cm
4. 25
5. 5
6. ¼ and ½
7. 529
8. 130
9. 5
10. January
11. 6
12. 2
13. 5 m 53 cm
14. Teacher check
15. 4
16. 900
17. 12
18. 14
19. 5
20. anticlockwise
21. 13.50
22. 90
23. 1
24. 6
25. 802

Monday

1. 25, 3
2. 13
3. 8
4. 12
5. triangular prism
6. 1, 10

7. Teacher check
8. 25
9. curved
10. 16
11. 24
12. Teacher check
13. 125
14. 1,000
15. 7
16. May
17. 2
18. 5
19. Teacher check
20. 100

Tuesday

1. 5, 11
2. 9
3. 4
4. 23
5. June
6. 30
7. 5
8. Teacher check
9. hexagon
10. 3
11. 180
12. 20
13. circle
14. 3
15. 21
16.
17. 5
18. P.E.
19. Gaeilge
20. Art, SPHE

Wednesday

1. 10, 6
2. 9
3. 300
4. 3
5. Teacher check
6. 6
7. 11
8. 18
9.
10. cuboid
11. 13
12. 10
13. 255
14. 412
15. vertical
16. 9
17. 11
18. 700
19. 90
20. 30

Thursday

1. 20, 9
2. BB
3. 6
4. Teacher check
5. 101
6. 10
7. 700
8. 1, 20
9. 1,000
10. units
11. autumn
12. 4
13. 80
14. 1 km
15. 27
16. 20
17. 15
18. Teacher check
19. 12
20. 7

Problem-Solving

Monday

1. 180
2. 70

Tuesday

1. 1st, 2nd, 4th
2. 5

Wednesday

1. €5, €4, €1
2. €10

Thursday

1. 800
2. 32

Friday Review

1. 10, 9
2. 13
3. vertical
4. 15
5. 6
6. Teacher check
7. 18
8. 11
9. 1,000
10. 1, 30
11. 90
12. August
13. 4
14. 2
15. 8
16. 195
17. triangular prism
18. 5
19. 11
20. 16
21. 300
22. Teacher check
23. 500

24. 1, 15
25. 5

Monday

1. Teacher check
2. Teacher check
3. 12
4. hexagon
5. 14
6. lighter
7. 303
8. 10
9. 32
10. 10
11. 19
12. 700
13. 4
14. 4
15. 14
16. 1, 30
17. 400
18. 2.75
19. 36
20. 263

Tuesday

1. Teacher check
2. 2
3. A
4. 13
5. 5
6. 5
7. horizontally
8. hundreds
9. 450
10. 20
11. 1, 40
12. 5
13. 349
14. 8, 3
15. 4.00
16. 28
17. this book, pencil, 50 pencils
18. 6
19. 400
20. 100 m

Wednesday

1. Teacher check
2. Teacher check
3. 10
4. 5
5. 3
6. 6
7. 11
8. vertical
9. 1,000

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

10. Teacher check
11. 25
12. 11.00
13. 1.00
14. 2.00
15. 770
16. 500
17. 4
18. 3
19. 1,000
20. 60

Thursday

1. Teacher check
2. 8
3. 4
4. 100
5. 1.50
6. 440
7. 70
8. 11
9. 1,000
10. 21
11. 250
12. no
13. 1, 50
14. anticlockwise
15. Teacher check
16. SPHE
17. History
18. 5
19. Maths
20. 20

Problem-Solving

Monday

1. Teacher check
2.
4	8
32	16

Tuesday

1. 18
2. 20

Wednesday

1. 11
2. Teacher check

Thursday

1. 8
2. 39

Friday Review

1. Teacher check
2. 70
3. 3
4. 600
5.
6. 10
7. 16
8. 5
9. 425
10. Thursday

---

11. 7
12. 32
13. 1
14. 2, 0
15. horizontal
16. 5
17. 24
18. 16
19. 6.00
20. 350
21. 9, 2
22. 245
23. Teacher check
24. 12
25. 6

Week 13 pages 38–40

Monday

1. Teacher check
2. 12
3. 14
4. 50
5. 4
6. 12
7. June
8. Teacher check
9. 1, 35
10. pyramid
11. Thursday
12. 779
13. 8
14. 356
15. cup of water, 1 apple, 6 eggs
16. 7
17. 5
18. Teacher check
19. 18
20. 30

Tuesday

1. Teacher check
2. 1, 45
3. 400
4. 18
5. Teacher check
6. 6
7. lighter
8. 12
9. 18
10. 1,000
11. triangular prism
12. 24
13. Teacher check
14. Teacher check
15. 400
16. 500
17. 900
18. Teacher check

---

19. 10
20. 9

Wednesday

1. Teacher check
2. 6
3. $\frac{3}{4}$
4. Teacher check
5. Teacher check
6. 11
7. 14
8. 21
9. 5
10. February
11. 710
12. 1, 55
13. 24
14. 4
15. Teacher check
16. 6, 15
17. Teacher check
18. 5
19. 600
20. 1 kg

Thursday

1. Teacher check
2. 50
3. 400
4. 6
5. 600
6. rectangle
7. Teacher check
8. 6
9. 6
10. 48
11. 8
12. Teacher check
13. B
14. 16.00
15. no
16. 29
17. 70
18. 12, 30
19. 400
20. 150

Problem-Solving

Monday

1. 25
2. 27

Tuesday

1. 1980, 1981, 1982, 1984, 1987, 1988
2. November

Wednesday

1. 7
2. 4

Thursday

1. 3 half cups or $1\frac{1}{2}$ full cups

---

2. 4 half cups or 2 full cups

Friday Review

1. Teacher check
2. lighter
3. 18
4. 70
5. 2
6. 60.00
7. 8
8. Teacher check
9. 1,000
10. 700
11. 90
12. 900
13. 4 half cups or 2 full cups
14. 24
15. 2, 5
16. Teacher check
17. 520
18. Teacher check
19. 18
20. no
21. 21
22. 300
23. 700
24. Teacher check
25. March

Week 14 pages 41–43

Monday

1. Teacher check
2. 18
3. 17
4. 8
5. 1
6. 2, 15
7. 50
8. Teacher check
9. 5
10. Teacher check
11. kilograms
12. 650
13. no
14. 879
15. Friday
16. 9
17. 21
18. July
19. Teacher check
20. 54

Tuesday

1. Teacher check
2. 14
3. Teacher check
4. 2.00

---

5. Teacher check
6. 12
7. 100
8. 8
9. 24
10. Teacher check
11. 2, 10
12. 10.00
13. Teacher check
14. 6
15. irregular
16. 10
17. 45
18. 11th February
19. 60
20. 1,000

Wednesday

1. Teacher check
2. 20
3. 6
4. 24
5. Sunday
6. Teacher check
7. 20
8. 4
9. 952
10. Teacher check
11. 29
12. A
13. 2, 25
14. 30
15. 999
16. 40
17. Teacher check
18. 10.00
19. 18
20. 48

Thursday

1. Teacher check
2. 36
3. 11
4. 24
5. 999
6. 10
7. 70
8. Teacher check
9. yes
10. 6
11. 3
12. 630
13. Teacher check
14. 65.00
15. 2
16. 1,000
17. 300
18. Teacher check
19. 42
20. Teacher check

Problem-Solving
Monday
1. 80
2. blue, red, green
Tuesday
1. red, blue, green
2. (diagram: 7 connected to 4 – 5 – 3)
Wednesday
1. 25
2. 85
Thursday
1. 5.50
2. 80
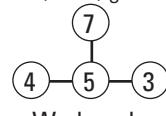
Friday Review
1. Teacher check
2. 13
3. 6
4. Teacher check
5. 300
6. Monday
7. 7.00
8. 7
9. 1 kg
10. 6
11. 2, 20
12. B
13. no
14. 5
15. yes
16. Teacher check
17. Teacher check
18. 100
19. 749
20. 24
21. 8
22. 3
23. 30
24. 6
25. 35

Week 15 pages 44–46
Monday
1. 8:00
2. 15
3. Teacher check
4. 4.50
5. 650
6. Teacher check
7. 6
8. B, C
9. triangle
10. 18
11. 18
12. 340
13. 373
14. Teacher check
15. 24th December
16. 65
17. 4
18. 905
19. $\frac{1}{4}$
20. 14

Tuesday
1. 11:15
2. 6
3. 48
4. >, =, <
5. 18
6. 11
7. $\frac{6}{10}$ or $\frac{3}{5}$
8. 57
9. 230
10. 4, 18
11. B, A
12. 5
13. A
14. 1,000
15. Teacher check
16. 19
17. 3.50
18. Teacher check
19. 10
20. 12

Wednesday
1. 5:45
2. 72
3. 10
4. 820
5. 18
6. 90
7. 420
8. 36
9. 16
10. 886
11. Teacher check
12. 30
13. Teacher check
14. cuboid
15. 9.75
16. 800
17. Teacher check
18. 7
19. 32
20. 55

Thursday
1. 10:15
2. 8
3. 40
4. 30
5. 16
6. 12
7. $\frac{5}{10}$ or $\frac{1}{2}$
8. 59
9. 430
10. 15
11. Teacher check
12. 4
13. B
14. 2,000
15. Teacher check
16. 21
17. 4.50
18. Teacher check
19. 15
20. 25

Problem-Solving
Monday
1. 8
2. 5.50
Tuesday
1. 42 days, so about a month and a fortnight
2. 248
Wednesday
1. Teacher check 4.30 p.m.
2. 11.30 p.m.
Thursday
1. 21
2. 18th of April

Friday Review
1. 8:30
2. 30
3. 9
4. 3
5. True
6. 20
7. Teacher check
8. 5
9. 509
10. 24
11. 12th of November
12. cuboid
13. 6
14. 385
15. 45
16. 1,000
17. 777
18. $\frac{1}{4}$
19. Teacher check
20. 400
21. 40
22. 40
23. 40
24. Teacher check
25. 5

Week 16 pages 47–49
Monday
1. 6:05
2. Teacher check, hexagon
3. 1
4. 14
5. Teacher check
6. a kilogram
7. 21
8. 2
9. 12
10. 21
11. 7.50
12. 0
13. 6
14. 7
15. Teacher check
16. 7
17. 3
18. 5.05 p.m.
19. Bus 1 – 9.00 a.m.
20. 10 mins

Tuesday
1. 11:20
2. >, <, =
3. 5
4. hundreds
5. 100
6. Teacher check
7. 12
8. 7
9. 24
10. 25
11. 400, 5
12. 8
13. 50
14. 16
15. 25th of May
16. yes
17. 3
18. 28
19. 3
20. 11

Wednesday
1. 1:50
2. square
3. 5
4. 17
5. 0
6. 12
7. 14
8. Teacher check
9. 4
10. 4
11. 35
12. 75
13. 40
14. 355
15. yes
16. 3
17. yes
18. Teacher check
19. 876
20. 17

Thursday
1. 11:35
2. 37
3. 5
4. 6
5. 510
6. 909
7. 12
8. 9
9. 10
10. 28
11. $\frac{2}{8}$ or $\frac{1}{4}$
12. 36
13. 24
14. 0
15. 5
16. no
17. 399
18. 30
19. yes
20. 16

Problem-Solving
Monday
1. 25 mins
2. Teacher check
Tuesday
1. 20
2. (box: 2 | 6 / 72 | 12)
Wednesday
1. 45
2. 135
Thursday
1. 3.00
2. 25

Friday Review
1. 9.05
2. 5
3. False
4. 35
5. 85
6. 1,000
7. 5
8. hundreds
9. 39
10. 65
11. $\frac{1}{8}$
12. 400
13. 0

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

14. 20
15. 1 hour
16. Denton to Colper
17. Teacher check
18. 21
19. 6
20. 525
21. no
22. 2.00
23. 16
24. 100
25. 17

Week 17 pages 50–52

Monday

1. 8:10
2. 11
3. August
4. 120
5. yes
6. yes
7. 8, 2
8. 434
9. new century, leap year
10. 900
11. yes
12. 90
13. 4
14. Teacher check
15. 7
16. 1
17. 1,000
18. 500
19. 4
20. 42

Tuesday

1. 10:25
2. 4
3. 12
4. 110
5. 8
6. no
7. 5
8. 35
9. 0
10. 900
11. $\frac{6}{8}$ or $\frac{3}{4}$
12. 49
13. 15
14. 3
15. 30, 40
16. 7
17. Teacher check
18. 764
19. 800
20. 28

Wednesday

1. 4:55
2. 13
3. 5
4. 200
5. 14
6. 303
7. 6
8. 18
9. 86
10. 60
11. 70
12. no
13. 400
14. 70
15. 130
16. tens
17. 4.30 p.m.
18. 15 mins
19. 9.50, 1.05, 5.20
20. 1 hour

Thursday

1. 2:40
2. 80
3. 130
4. 14
5. 999
6. 500
7. Teacher check
8. circular
9. 21
10. 35
11. 6
12. 23
13. 519
14. 2
15. 56
16. 11, 3
17. no
18. 0
19. Friday
20. 1,000

Problem-Solving

Monday

1. 57
2. triangular prism

Tuesday

1. 2 × 20 g, 2 × 5 g
2. 4 × 20 g

Wednesday

1. ⑦—③—① , ⑥

2. False

Thursday

1. False
2. 5

Friday Review

1. 3:40
2. March
3. 600
4. Tuesday
5. 795
6. Teacher check
7. 1, 28
8. yes
9. 15
10. 49
11. 90
12. 30, 40
13. 8
14. 5
15. 200
16. Teacher check
17. 6
18. 818
19. 1 hour
20. Denton, Colper
21. $\frac{4}{8}$ or $\frac{1}{2}$
22. 160
23. 9 | 5 – 1 – 4
24. 56
25. 27

Week 18 pages 53–55

Monday

1. 1:45
2. 24
3. 90
4. 854
5. 19
6. 120
7. 873
8. $\frac{1}{2}$ of 30 kg
9. 300
10. 70
11. an annual
12. 1, 30
13. A
14. $\frac{1}{2}$
15. 5
16. yes
17. 518
18. 24
19. 1, 48
20. 100

Tuesday

1. 6:05
2. 13
3. 2
4. 9
5. 150
6. 1, 15

7. 530
8. 550
9. 1,000
10. Teacher check
11. 32
12. irregular
13. 50
14. clockwise
15. 600
16. A
17. 1.60
18. 8
19. 32
20. 600

Wednesday

1. 7:35
2. 990
3. 21
4. 40
5. 160
6. no
7. 1, 45
8. 219
9. 24
10. 202
11. A
12. 3
13. 5
14. 7
15. 8
16. 80
17. yes
18. 1 bag of coal
19. no
20. 4.50

Thursday

1. 11:20
2. 17
3. 6
4. 6
5. 6
6. 500
7. 110
8. 2, 30
9. 290
10. 40
11. 375
12. 250
13. 25
14. 5
15. 40
16. $\frac{1}{4}$
17. no
18. 3.00
19. 8
20. 14

Problem-Solving

Monday

1. 20
2. 4

Tuesday

1. 24
2. 24

Wednesday

1. 3:00
2. $2\frac{1}{2}$ hours

Thursday

1. A
2. 3

Friday Review

1. 11:20
2. 14
3. 150
4. 5
5. 32
6. 800
7. 15
8. 800
9. 2, 30
10. 1, 42
11. 800
12. 128
13. Halloween
14. 8
15. 550
16. 16
17. 29
18. B
19. 590
20. 200
21. 305
22. 8
23. 700
24. 29
25. 32

Week 19 pages 56–58

Monday

1. 240
2. C, B, A
3. 2
4. yes
5. 360
6. Teacher check
7. 60
8. 48
9. 30
10. 400
11. 6
12. 1,000
13. 70
14. Teacher check
15. 40
16. 5

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

17. 4
18. 8.45 a.m.
19. 3.30 p.m.
20. 45 min

Tuesday
1. 0, 45
2. 140
3. yes
4. 3
5. 3
6. New Year's Day
7. 2, 56
8. 330
9. 8
10. 1-ℓ bucket
11. 300
12. no
13. 29
14. 840
15. Teacher check
16. $\frac{1}{4}$
17. 60
18. 2 mobile phones, 10 sweets, 5 × €1 coins
19. 70
20. 32

Wednesday
1. 2, 15
2. 1, 24
3. 140
4. 450
5. 10, 8
6. B
7. 90
8. 80
9. Teacher check
10. 10
11. 9
12. 3.50
13. Teacher check
14. 4
15. 14
16. 40
17. Teacher check
18. 8
19. 1
20. cooking

Thursday
1. 2, 30
2. 16
3. 15
4. Teacher check
5. 60
6. oval
7. 7
8. 75
9. 0

10. 6
11. $\frac{1}{10}$, $\frac{1}{2}$, $\frac{3}{4}$
12. 48
13. 5
14. 3.50
15. Teacher check, BB
16. yes
17. 17
18. 805
19. Teacher check
20. 180

Problem-Solving
Monday
1. Big Moo
2. Dairy Me
Tuesday
1. 600
2. 48
Wednesday
1. 8
2. 7
Thursday
1. Teacher check
2. 4

Friday Review
1. 1, 30
2. 37
3. 5
4. 300
5. 6
6. Teacher check
7. 350
8. 7, 7, 7, 21
9. 0
10. 5
11. 330
12. 32
13. 70
14. 990
15. 2.50
16. Teacher check
17. 80
18. 250
19. 5
20. $\frac{1}{4}$
21. Teacher check
22. 450
23. Teacher check
24. 72
25. 4

Week 20 pages 59–61
Monday
1. impossible
2. 65
3. 800
4. 27

5. 10
6. 6
7. 100
8. 0
9. 1,000
10. 30
11. 1,000
12. 18
13. 20
14. 6
15. 27
16. 8.05 p.m.
17. yes
18. 11.55 a.m.
19. 1, 20
20. no

Tuesday
1. 1, 15
2. 12
3. 36
4. 45
5. 9
6. Teacher check
7. 4
8. 3
9. 48
10. 6
11. 24th of March
12. 2
13. hundreds
14. 300
15. 700
16. 36
17. no
18. 60
19. 320
20. 410

Wednesday
1. 2, 45
2. 905
3. cuboid
4. 17
5. 175
6. 16
7. 50
8. 45
9. 5
10. 36
11. kilogram
12. 527
13. 270
14. 35.00
15. 600
16. 8
17. 350
18. 5
19. 45
20. 2

Thursday
1. 3, 15
2. 14
3. 24
4. yes
5. 43
6. B
7. 60
8. 700
9. 3.75
10. 40
11. 400
12. 4
13. 63
14. 9
15. 27
16. Teacher check
17. 8
18. 1 school desk
19. 27
20. 10

Problem-Solving
Monday
1. 45
2. 2
Tuesday
1. A
2. B
Wednesday
1. 35
2. 11.15 a.m.
Thursday
Teacher check

Friday Review
1. 2, 45
2. 90
3. 100
4. 8
5. 36
6. 11
7. 5
8. 36
9. cuboid
10. 0
11. 400
12. 40
13. 38
14. 30
15. Teacher check
16. 0
17. 420
18. 510
19. 565
20. 18
21. cuboid
22. 8-ℓ bucket
23. 65
24. 19
25. 20

Week 21 pages 62–64
Monday
1. 21
2. 16
3. 40
4. 85
5. 3.56
6. 300
7. 1-litre jug
8. no
9. no
10. 17
11. 9, 54
12. 4
13. 5, 10
14. square
15. $\frac{1}{10}$, $\frac{1}{4}$, $\frac{1}{2}$
16. cone
17. Monday
18. Tuesday
19. 4
20. 2nd

Tuesday
1. 850
2. 2, 36
3. 9
4. yes
5. 73
6. 17
7. 8
8. $\frac{1}{10}$, $\frac{1}{2}$, $\frac{3}{4}$
9. 901
10. 4.52
11. regular
12. rectangle
13. 3
14. 200
15. B
16. Teacher check
17. 500-mℓ jug
18. 10
19. 530
20. 1 hr

Wednesday
1. 33
2. 14
3. 10
4. 50
5. 54
6. triangles, rectangles
7. The sun will shine for 2 hours tomorrow.
8. 40
9. 3.20
10. $\frac{1}{10}$
11. Add 50

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

12. 8, 5
13. irregular
14. 500-ml jug
15. 600
16. Teacher check
17. 500
18. 7
19. 5.23
20. 27

Thursday

1. 43
2. 3
3. A
4. 50
5. 14
6. 2.00
7. Teacher check
8. $\frac{1}{8}$
9. 5
10. hexagon
11. 900
12. 72
13. Teacher check
14. 250-ml jug
15. 9, 4
16. Subtract 10
17. 450
18. 8.24
19. 16
20. 20

Problem-Solving

Monday
1. Spiderdog
2. 34

Tuesday
1. 21
2. 16.50

Wednesday
1. rectangle
2. triangle, rectangle

Thursday
1. hexagon, rectangle
2. 3

Friday Review

1. 36
2. 17
3. 62
4. 2
5. 4.20
6. cone
7. 1-ℓ jug
8. $\frac{4}{8}$
9. 2, 63
10. 12
11. 500
12. rectangle
13. 80

14. 6
15. B
16. Teacher check
17. 100
18. Teacher check
19. 3
20. B
21. Teacher check
22. 27
23. 6
24. 1.20
25. 18

Week 22 pages 65–67

Monday

1. 275
2. 14
3. 5
4. 50
5. 27
6. Teacher check
7. 3
8. 3
9. 40
10. 170
11. 4,500
12. $\frac{1}{4}$
13. no
14. 8.24
15. 50
16. cylinder
17. False
18. 15
19. Teacher check
20. 1-ℓ jug

Tuesday

1. 7
2. $\frac{3}{4}$
3. Teacher check
4. 8
5. 9.26
6. 150
7. 500-ml jug
8. 8
9. Teacher check
10. 28
11. 12
12. 775
13. 100
14. 45
15. triangles, rectangles
16. 390
17. cuboid
18. 650
19. 850
20. True

Wednesday

1. 20
2. $6\frac{1}{2}$
3. $\frac{1}{4}$
4. yes
5. 2, 32
6. 40
7. 12
8. 4
9. Teacher check
10. 7
11. 42
12. 600
13. 7.50
14. 50
15. no
16. 70
17. True
18. 20
19. 400
20. 500-ml jug

Thursday

1. 22
2. 25
3. 7,500
4. 14
5. 93
6. 160
7. False
8. Teacher check
9. 1
10. 670
11. 250
12. 8
13. 72
14. 8.99
15. Teacher check
16. 11
17. 710
18. 60.00
19. B
20. $\frac{8}{10}$

Problem-Solving

Monday
1. 15
2. 30

Tuesday
1. 3rd
2. 19

Wednesday
1. blue, red, green
2. 3.00

Thursday
1. 200
2. 60

Friday Review

1. 250
2. triangular prism
3. Teacher check
4. $\frac{1}{2}$
5. 56
6. 9
7. 9.09
8. 70
9. Teacher check, 9:00
10. 4
11. 1-ℓ jug
12. 150
13. circle
14. 60
15. $\frac{3}{4}$
16. 100
17. yes
18. 4
19. 360
20. 3
21. 700
22. True
23. 840
24. 24
25. 45

Week 23 pages 68–70

Monday

1. 8
2. 9,500
3. 50
4. 5
5. 50
6. 2
7. 571
8. Teacher check
9. 3
10. 3
11. Teacher check
12. Teacher check
13. 16
14. 500
15. $\frac{1}{10}$, $\frac{1}{4}$, $\frac{1}{2}$
16. 5
17. Thursday
18. 5th
19. 27th
20. 3rd, 10th, 17th, 24th

Tuesday

1. 6
2. no
3. 175
4. Teacher check
5. 505
6. 490
7. 6
8. Teacher check

9. 4
10. 4
11. 2.50
12. 32
13. 10, 5
14. 450
15. 678
16. 3.50
17. False
18. 300
19. Teacher check
20. 4

Wednesday

1. 50
2. 3.10
3. 90
4. 750
5. 24
6. 300
7. 20
8. 2
9. 7
10. 30
11. 9
12. 18
13. 13
14. 575
15. 973
16. Teacher check
17. 35
18. Teacher check
19. 9
20. 21

Thursday

1. 25
2. 300
3. Teacher check
4. 300
5. 726
6. 60
7. 4
8. 4
9. Teacher check
10. 6.25
11. 750
12. 3
13. 8
14. 909
15. 990
16. Teacher check
17. $\frac{2}{10}$, $\frac{4}{8}$, $\frac{3}{4}$
18. 800
19. 24
20. 70

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

Problem-Solving

Monday
1. 400
2. 80

Tuesday
1. Teacher check
2. 3, 4

Wednesday
1. 4
2. 6

Thursday
1. 3
2. 6

Friday Review
1. 6
2. 6
3. 200
4. Teacher check
5. 917
6. 0
7. Teacher check
8. 12
9. 55
10. 750
11. $\frac{3}{10}, \frac{1}{2}, \frac{3}{4}$
12. Teacher check
13. 3.05
14. yes
15. certain
16. True
17. 15
18. 8
19. 9
20. 60
21. 3
22. 670
23. 30
24. 808
25. 500

Week 24 pages 71–73

Monday
1. 2
2. 150
3. 22
4. 9.03
5. 10
6. Pigs will fly
7. 7, 2
8. 815
9. 6
10. $\frac{1}{4}, \frac{5}{8}, \frac{8}{10}$
11. 17
12. 30
13. 80
14. Teacher check
15. 322
16. 35

---

17. 6
18. carrots
19. 2
20. 20

Tuesday
1. 300
2. 2.50
3. $\frac{2}{8}, \frac{1}{2}, \frac{7}{10}$
4. 27
5. 1.70
6. 42
7. Teacher check
8. 713
9. 2
10. 16
11. 5
12. 12
13. False
14. Teacher check
15. 555
16. 49
17. False
18. True
19. tenths
20. Teacher check

Wednesday
1. 20
2. 24
3. 33
4. 0.5 ($\frac{5}{10}$)
5. 6.54
6. 300
7. 0.5
8. 12
9. 10
10. True
11. 8 ÷ 4
12. 27th of April
13. 3.40
14. Teacher check
15. True
16. 100
17. 23
18. 326
19. 4, 8
20. 2, 8

Thursday
1. 28
2. 84
3. Teacher check
4. 7
5. 7
6. 641
7. 16
8. 889
9. 9
10. 97

---

11. Teacher check
12. 70
13. $\frac{4}{8}, \frac{3}{4}, \frac{9}{10}$
14. False
15. 80, 2
16. 13th
17. 12 ÷ 4
18. 8.80
19. Teacher check
20. 21

Problem-Solving

Monday
1. $\frac{1}{4}$ turn anticlockwise
2. 8

Tuesday
1. 9th
2. 4

Wednesday
1. Friday
2. Monday

Thursday
1. Teacher check
2. Teacher check

Friday Review
1. 300
2. 280
3. 20
4. $\frac{2}{10}$
5. 21
6. 8
7. 12 ÷ 2
8. 14th
9. 11
10. 9.25
11. Teacher check
12. 612
13. 70
14. 16
15. hexagon
16. 8
17. 62
18. 6.60
19. 4, 6
20. 1st of February
21. True
22. 79
23. 64
24. 41
25. 6

Week 25 pages 74–76

Monday
1. 6
2. 21
3. 699
4. 0.9
5. 522

---

6. 6, 3, 24
7. 33
8. no
9. 51
10. 42
11. 360
12. 12
13. 7.10
14. 0, 2, 1
15. 4
16. $\frac{3}{4}$
17. Teacher check
18. True
19. 700
20. 100

Tuesday
1. 25
2. 524
3. 48
4. 12
5. 60
6. 1.9
7. 12
8. Teacher check
9. 8
10. Teacher check
11. Teacher check
12. 10
13. 3
14. 10
15. $\frac{6}{10}$
16. True
17. <, = >
18. 30 ÷ 10
19. 96
20. True

Wednesday
1. 67
2. 92
3. 202
4. 12
5. 240
6. False
7. tenths
8. Teacher check
9. 24
10. 389
11. 99
12. 30
13. Teacher check
14. 3
15. 0.3
16. Wednesday
17. Sunday 31st of December
18. 5
19. Friday
20. 10th

Thursday
1. 710
2. 9
3. $\frac{3}{4}$
4. 6
5. 1.30
6. 625
7. 430
8. 13.00
9. 125
10. 97
11. 24
12. 850
13. 80
14. Teacher check
15. 50
16. 27
17. False
18. 0.4
19. Teacher check
20. 1, 30

Problem-Solving

Monday
1. Teacher check
2. A

Tuesday
1. B
2. B

Wednesday
1. 5
2. 4

Thursday
1. 8
2. 36

Friday Review
1. 15
2. 262
3. 0.5
4. 24
5. 600
6. no
7. 523
8. 90
9. Teacher check
10. Teacher check, 3
11. 77
12. 48
13. 9
14. 260
15. $\frac{8}{10}$
16. tens
17. possible
18. 14th of January
19. 12
20. True
21. 4
22. 6
23. 30

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

24. 12
25. False

Week 26 pages 77–79

Monday

1. 9, 10
2. 40
3. 499
4. 0.1
5. 0.4
6. Teacher check
7. 9
8. 2
9. 1, 20
10. 5
11. 40
12. 50
13. pyramid
14. 5
15. Teacher check
16. 6
17. False
18. 16
19. 9
20. Teacher check

Tuesday

1. 545
2. 24
3. 69
4. 800
5. 95
6. 5
7. 190
8. 0.3
9. hexagon
10. 27
11. 15
12. Teacher check
13. 24
14. True
15. $\frac{3}{8}$
16. 5
17. 3
18. 32
19. 6
20. 2, 6

Wednesday

1. 6, 1
2. yes
3. 4
4. 44
5. 0.8
6. 18.3
7. 36
8. 56
9. 280.00
10. 6

---

11. >, <, =
12. $\frac{5}{10}$ or $\frac{1}{2}$
13. 600
14. 0.7
15. 24
16. black
17. 12
18. 18
19. red
20. 48

Thursday

1. 99
2. 1.00
3. 8, 1
4. 4
5. 4
6. 168
7. 0.8
8. 100.00
9. 56
10. 27
11. no
12. 290
13. 8
14. B
15. False
16. 150
17. 60 ÷ 10
18. 34
19. 280
20. 3

Problem-Solving

Monday
1. A
2. 9:30

Tuesday
1.
9		
5	1	4
2. 3:25

Wednesday
1.
5	8
17	12
2. Teacher check

Thursday
1. 3
2. Teacher check

Friday Review

1. 0.4
2. 18.8
3. 2
4. 30
5. 700
6. 800.00
7. 0
8. 10
9. 16
10. 90

---

11. 6
12. Teacher check
13. 11
14. 5
15. 8
16. 21
17. 167
18. $\frac{1}{2}$
19. 16
20. 15
21. 963
22. 90
23. $\frac{3}{4}$
24. 1, 5
25. Teacher check

Week 27 pages 80–82

Monday

1. 9
2. 25
3. 4
4. 10
5. 1
6. 6
7. Teacher check
8. 4.70
9. 0.7
10. 0
11. 16
12. False
13. 3
14. 2
15. 48
16. 6
17. 54
18. 4
19. 11
20. A and C

Tuesday

1. 45
2. 7
3. 2
4. 390
5. $\frac{3}{8}$
6. 3.4
7. False
8. 10
9. 600
10. 460
11. 95
12. 80
13. triangle
14. 0.5
15. 9
16. =
17. 8
18. $\frac{2}{10}$

---

19. 15
20. 84

Wednesday

1. 40
2. 1.00
3. 8
4. no
5. tenths
6. cube
7. 240
8. 12
9. 6
10. no
11. 50
12. 5
13. 47
14. 2, 30
15. 5
16. 791
17. 180
18. $\frac{1}{4}$
19. 16
20. 30

Thursday

1. 2, 10
2. B
3. 5
4. yes
5. 9
6. 0.8
7. 35
8. 4
9. 50
10. rectangle
11. 3rd April
12. 100
13. 700
14. 56
15. 8.00
16. 15
17. 5
18. Sunday
19. Teacher check
20. 18th December

Problem-Solving

Monday
1. Teacher check
2. 40

Tuesday
1. 4
2. $\frac{3}{4}$

Wednesday
1. 40
2. 25

Thursday
1. red, blue, purple
2. 16th December

---

19. 15
20. 84

Friday Review

1. 3
2. 11
3. yes
4. 25
5. 9
6. 555
7. 20
8. 50
9. 160
10. BC
11. 0.6
12. 9
13. $\frac{3}{10}$
14. 6
15. units
16. 75
17. 12
18. 0
19. circle
20. 7
21. 380
22. 290
23. 17
24. 15
25. 18

Week 28 pages 83–85

Monday

1. 850
2. 18
3. 2
4. 6
5. parallel
6. 44
7. 800
8. 50
9. 10
10. 35
11. 11
12. 6, 54
13. $\frac{3}{4}$
14. 16
15. Teacher check
16. 90
17. 4
18. $\frac{3}{10}$, $\frac{1}{2}$, $\frac{6}{8}$
19. 5
20. 4

Tuesday

1. 16
2. 21
3. non-parallel
4. 150
5. 8
6. 3

7. 40
8. yes
9. 21
10. 44.6
11. 28
12. 7
13. 8
14. 70
15. 0.3 ($\frac{3}{10}$)
16. 5, 8 or 8:05
17. 49
18. hexagon
19. 280
20. 1.00

Wednesday

1. 775
2. 50
3. 7
4. 8
5. 400
6. 700
7. 77
8. 24
9. 5
10. 8
11. 27
12. 6
13. 9
14. Teacher check
15. 6.70
16. 30
17. fly
18. 10
19. dragonfly
20. 25

Thursday

1. 0.9
2. 24
3. 7, 3
4. Teacher check
5. 9
6. 60
7. 12
8. 8
9. $\frac{2}{10}$, $\frac{4}{8}$, $\frac{3}{4}$
10. A
11. 360
12. 790
13. 6
14. 25
15. 5
16. 25
17. 6
18. 20
19. 3, 48
20. Teacher check

Problem-Solving
Monday
1. 7.50
2. 225
Tuesday
1. Teacher check
2. 1.50
Wednesday
1. Teacher check
2. Teacher check
Thursday
1. 300
2. 450

Friday Review

1. 0.9
2. 8
3. 5
4. 20
5. 7, 3
6. 20
7. 21
8. 3
9. 4
10. yes
11. 16
12. 10
13. Teacher check
14. 920
15. 50
16. $\frac{2}{8}$
17. 29
18. 16
19. 690
20. 1, 44
21. A
22. 21
23. 14
24. True
25. $\frac{2}{8}$, $\frac{6}{10}$, $\frac{3}{4}$

Week 29 pages 86–88
Monday

1. 5, 1
2. 16
3. 490
4. 36
5. 4
6. 190
7. 7
8. 1
9. 8
10. no
11. 80
12. 5
13. 4
14. 28
15. 10, 40

16. 9
17. 3
18. $1\frac{1}{2}$ hours
19. 45 minutes
20. 25 minutes

Tuesday

1. 8, 1
2. 4
3. 14
4. 800
5. 5
6. 600
7. 28
8. 7
9. 5, 12 or 11:55
10. 4.50
11. 12
12. 720
13. 80
14. 2
15. 4, 8
16. Teacher check
17. 9
18. 56
19. 8
20. 45

Wednesday

1. 73
2. 7.00
3. 57
4. >, <, =
5. 7
6. $\frac{4}{10}$
7. Teacher check
8. 240
9. triangles, rectangles
10. 5
11. 20, 2 or 2:20
12. 6
13. 630
14. 42
15. 9
16. 18th of December
17. 49
18. Teacher check
19. 11
20. $\frac{3}{4}$

Thursday

1. 7
2. 590
3. 4
4. 3-D
5. 500
6. 60
7. 62.8
8. 72
9. 3 cm

10. 6
11. 110
12. 6
13. 8
14. yellow, blue, red
15. prism
16. 60
17. $\frac{1}{4}$
18. 780
19. 7
20. 10, 12 or 12:10

Problem-Solving
Monday
1. 200
2. 75
Tuesday
1. 6th
2. 3rd
Wednesday
1. 6, 13, 20, 27
2. 4
Thursday
1. Teacher check
2. 60

Friday Review

1. 4
2. 31
3. 120
4. 3rd of April
5. 4
6. 180
7. 5
8. 14
9. no
10. 2)11
11. 80
12. 25
13. <
14. 9.00
15. Teacher check
16. 3-D
17. 6
18. 8
19. 8
20. 77
21. 740
22. 9
23. $\frac{1}{4}$
24. 83.5
25. 175

Week 30 pages 89–91
Monday

1. 6
2. 8
3. 8
4. 28

5. 850
6. 800
7. 9
8. 12
9. 4
10. this maths book
11. 120
12. 0.4
13. False
14. 90
15. 1, 4
16. 3
17. 4.50 p.m.
18. 9.00 a.m.
19. 15 minutes
20. 10.00, 1.15, 5.30

Tuesday

1. 3
2. 6
3. 90
4. 8
5. True
6. 24
7. 3-D
8. 40
9. 5
10. pyramid
11. 12, 3
12. 16
13. 0.6
14. 680
15. 1.80
16. 10
17. 33
18. 400
19. 3
20. 13

Wednesday

1. 350
2. 3.60
3. 2, 56
4. 450
5. 4
6. 36
7. 9
8. no
9. 12
10. 400
11. 5
12. no
13. 480
14. 9
15. 11
16. 50
17. Teacher check
18. 400
19. 4
20. 25, 9

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

Thursday

1. 7
2. 25
3. 0
4. 54
5. 40
6. 21
7. 1, 6
8. 0, 6
9. 22
10. 36
11. 12
12. 2.00
13. 6
14. September
15. 90
16. 8
17. 25, 6
18. 890
19. 1.55
20. 3

Problem-Solving

Monday
1. 12
2. 12, 24

Tuesday
1. Teacher check
2. Teacher check

Wednesday
1. 10
2.

	9	
5	2	4

Thursday
1. B
2. A

Friday Review

1. 650
2. 10
3. 7
4. 600
5. 210
6. B
7. 10 rulers
8. 7
9. 20, 11
10. 1.0
11. False
12. 55
13. 24
14. 36
15. 390
16. 25
17. 8
18. 56
19. 2
20. pyramid
21. 24
22. April
23. yes
24. 1, 6
25. 6, 6

Week 31 pages 92–94

Monday
1. 8, 10
2. 15
3. 55
4. 3, 1
5. Teacher check
6. 2, 20
7. 46
8. True
9. 5
10. 100
11. 750
12. False
13. 250
14. 390
15. square
16. 72
17. Teacher check
18. 0.7
19. cuboid
20. $\frac{4}{10}, \frac{1}{2}, \frac{3}{4}$

Tuesday
1. 3
2. 2, 1
3. 15
4. 30×7
5. 39
6. square, rectangle
7. 590
8. 920
9. 7
10. 0.5
11. 82
12. 500
13. False
14. 7
15. 500
16. fish
17. rabbit
18. cat, bird
19. 25
20. 60

Wednesday
1. 200
2. 2, 1
3. 32
4. Teacher check
5. 4
6. 12
7. 0.2
8. 26
9. 750

10. 15
11. 325
12. Teacher check
13. 12
14. 2, 12
15. True
16. 40×3
17. pyramid
18. 15
19. 2, 6
20. 1, 6

Thursday
1. 50
2. 59
3. 2.60
4. cone
5. 4, 1
6. 2, 30
7. $\frac{2}{8}, \frac{6}{10}, \frac{3}{4}$
8. 42
9. 500
10. 999
11. rectangle
12. 86
13. 250
14. 400
15. Teacher check
16. 720
17. 36
18. Teacher check
19. 45
20. 5

Problem-Solving

Monday
1. 300
2. 150

Tuesday
1. Harness
2. Neigh, Iron shoes

Wednesday
1. 81
2. Teacher check

Thursday
1.

	4	
3	7	1

2. 7.00

Friday Review

1. 210
2. 18
3. 6
4. 2, 10
5. 30
6. 4, 1
7. triangular prism
8. 1, 24
9. 28
10. False

11. 400
12. 24
13. 6
14. 750
15. 299
16. 50×6
17. Teacher check
18. 50
19. 3
20. Teacher check
21. False
22. 1.90
23. 0.9
24. $\frac{1}{4}, \frac{4}{8}, \frac{9}{10}$
25. Teacher check

Week 32 pages 95–97

Monday
1. 650
2. 27
3. 2, 2
4. 71
5. 2.95
6. 5, 40
7. Teacher check
8. heads, tails
9. 69
10. 0.3
11. 6, 10
12. 20
13. sphere
14. 5×30
15. Teacher check
16. 290
17. 0.8
18. irregular
19. 108
20. True

Tuesday
1. 990
2. 54
3. 1, 2
4. 60
5. yes
6. 2.90
7. $40 \div 10$
8. 1, 3
9. 2, 3
10. 42
11. 3, 24
12. 0.2
13. 39
14. 0.9
15. 3
16. $\frac{1}{4}, \frac{4}{8}, \frac{9}{10}$
17. 5×20
18. 499
19. 3

20. Teacher check

Wednesday
1. 6
2. 48
3. 10, 8
4. 74
5. 30
6. 2, 1
7. 5×20
8. 49
9. 500
10. 1, 24
11. 0.2
12. 350
13. 750
14. 700
15. 4
16. M
17. Thursday
18. 6
19. Thursday
20. 7th, 14th, 21st, 28th

Thursday
1. 3, 1
2. 56
3. 150
4. 1, 3
5. 1.95
6. $\frac{3}{10}, \frac{1}{2}, \frac{6}{8}$
7. 75
8. 230
9. 46
10. 1300
11. 650
12. 470
13. 4, 54
14. 0.9
15. 5×30
16. 63
17. 20, 10 or 9:40
18. 378
19. 9
20. 0.8

Problem-Solving

Monday
1. $\frac{5}{10}$ or $\frac{1}{2}$
2. 0.3

Tuesday
1. $\frac{1}{2}$
2. $\frac{1}{10}$

Wednesday
1. Teacher check
2. 90

Thursday
1. 20 km

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

2. 40 km

Friday Review

1. 125 kg
2. $\frac{2}{10}$ or $\frac{1}{5}$
3. 2, 2
4. 28
5. 37
6. 999
7. 4, 45
8. yes
9. 48
10. 10
11. 296
12. 270
13. 75
14. 1.95
15. 2, 3
16. 6×50
17. 0.7
18. 490
19. 40
20. $\frac{2}{10}, \frac{1}{2}, \frac{3}{4}$
21. 4
22. 705
23. 4
24. 5
25. 0.6

Week 33 pages 98–100

Monday

1. Teacher check
2. 1, 3
3. pyramid
4. 3, 45
5. 80
6. True
7. 6×20
8. 805
9. sphere
10. Teacher check
11. 7.00
12. 0.9
13. hexagon
14. 15
15. 4
16. 9
17. 28
18. 2, 4
19. $\frac{2}{10}, \frac{4}{8}, \frac{3}{4}$
20. 7, 1

Tuesday

1. Teacher check
2. 1, 3
3. 4
4. 5, 1
5. 4, 18
6. 900

7. cube
8. 6×30
9. 17
10. 8
11. 48
12. 790
13. 2 of jug A
14. 20
15. 550
16. 5
17. True
18. 32
19. 3
20. 14

Wednesday

1. Teacher check
2. 1, 3
3. 6×20
4. 700
5. 100
6. 8, 1
7. 2, 40
8. 25
9. Teacher check
10. 7×70
11. 210
12. 900, 6
13. 1.6
14. 4
15. 820
16. sun
17. snow
18. autumn
19. 8
20. cloud, wind

Thursday

1. Teacher check
2. 1, 1
3. 6
4. 4
5. 0.2
6. 54
7. Teacher check
8. 970
9. 28
10. 44
11. 25
12. 750
13. 10, 9
14. 2, 4
15. 32
16. oval
17. 6, 2
18. 90
19. 250
20. cube

Problem-Solving

Monday

1. Teacher check
2. Lynn

Tuesday

1. 4
2. 16

Wednesday

1. one equal part of 2 ($\frac{1}{2}$)
2. one half ($\frac{1}{2}$) of the square.

Thursday

1. $\frac{1}{4}$ of the square
2. winter

Friday Review

1. Teacher check
2. 12
3. 16
4. 2, 1
5. yes
6. Teacher check
7. 3, 35
8. 46
9. True
10. 701
11. 80
12. 850
13. $\frac{2}{8}, \frac{4}{10}, \frac{3}{4}$
14. 4
15. 480
16. 42
17. 5
18. no
19. 7×80
20. square-based pyramid
21. 0.6
22. 10.00
23. 25
24. 45
25. 6

Week 34 pages 101–103

Monday

1. Teacher check
2. 30
3. 6, 1
4. 4, 42
5. True
6. hexagon
7. 4
8. 3
9. 1
10. 770
11. 16
12. 2
13. 64

14. 30×7
15. 4
16. False
17. cone
18. 0.8, 0.5, 0.3
19. 3.55
20. less than

Tuesday

1. Teacher check
2. greater
3. 12
4. 1.4
5. 8
6. 30×7
7. 7, 2
8. oval
9. 900
10. 9.50
11. 20 pencils, 100 pins
12. 13
13. 6
14. 1
15. Teacher check
16. 5
17. History
18. Geography
19. 7
20. PE, music

Wednesday

1. Teacher check
2. 3
3. 6, 3
4. 310
5. 2, 30
6. yes
7. 900
8. 140
9. 45
10. 7.04
11. 400
12. 5
13. 0.1, 0.3, 0.9
14. 84
15. square, triangles
16. 38
17. 12
18. 12
19. 100
20. 150

Thursday

1. Teacher check
2. 11
3. 5
4. 8, 1
5. 8.90
6. 50×8
7. 7

8. 8
9. pyramid
10. less
11. 3, 50
12. 12
13. 280
14. 11
15. 890
16. 3
17. $\frac{1}{10}, \frac{1}{4}, \frac{7}{8}$
18. 1, 6
19. 6, 6
20. 0, 6

Problem-Solving

Monday

1. 6:30
2. 6

Tuesday

1. 10
2. $\frac{1}{10}$

Wednesday

1. Teacher check
2. Teacher check

Thursday

1. Teacher check
2. Teacher check

Friday Review

1. Teacher check
2. 5, 2
3. 1.5
4. 290
5. 5, 24
6. 140
7. 0.3, 0.4, 0.9
8. 4
9. 46
10. 880
11. 4
12. 16
13. False
14. 2, 4
15. 6
16. 8
17. 5
18. 900
19. 90×7
20. 4.05
21. less
22. hexagon
23. 56
24. 8

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

25. 2

Monday

1. 12
2. 3, 1
3. 14
4. 12
5. 570
6. greater
7. 88
8. 1.0
9. 160
10. 4
11. 0.4, 0.5, 0.7
12. Teacher check
13. 70
14. 3.25
15. $\frac{3}{4}$
16. 0.2, 0.5, 0.8
17. Teacher check
18. 0.8
19. 20
20. 32

Tuesday

1. half, 5
2. greater
3. 7
4. 69
5. 3.50
6. 730
7. 1
8. Teacher check
9. A, C, D
10. 3, 5
11. 8 ÷ 4
12. 3, 3
13. 61
14. 4.99
15. 45
16. 2
17. 6
18. Teacher check
19. 56
20. 50 × 9

Wednesday

1. 5, 12
2. 80
3. 90
4. 84
5. 47
6. 490
7. 8 × 20
8. 80
9. 5
10. 4, 4
11. 36

12. 0.3
13. 15 ÷ 5
14. 27
15. sphere
16. 0.4, 0.6, 0.8
17. Teacher check
18. 1, 4
19. 2, 4
20. 2, 4

Thursday

1. $\frac{1}{4}$, 8
2. 4, 2
3. Teacher check
4. 50
5. Teacher check
6. triangular prism
7. less
8. 7
9. 24
10. 36
11. 0.1, 0.3, 0.7
12. 1.00
13. 3.20
14. 5
15. 5 × 90
16. 21
17. 6
18. 5, 1
19. 42
20. 2, 4, 5

Problem-Solving

Monday

1. 6
2. 5

Tuesday

1. black, blue, green, red
2. 6

Wednesday

1. Teacher check
2. 4, 12, 36

Thursday

1. Teacher check
2. 24

Friday Review

1. 20, 2
2. 3, 3
3. 70
4. greater
5. sphere
6. 36
7. yes
8. 68
9. 3
10. 5 × 90
11. 18
12. 0.2, 0.3, 0.5

13. Teacher check
14. 25
15. 3.05
16. 3
17. 24
18. 0.2, 0.6, 0.7
19. 800
20. 18
21. 18
22. 7.40
23. 0.7
24. 48
25. Teacher check

Monday

1. $\frac{1}{4}$, 3
2. 20.00
3. 100
4. 0.2, 0.3, 0.7
5. 1.54
6. 32
7. 3, 3
8. 8
9. 4
10. 68
11. 7 sides
12. 80
13. 6.70
14. 75
15. 48
16. False
17. 16
18. 40
19. 580
20. =, >, <

Tuesday

1. 10, 5
2. 8
3. 360
4. 13
5. 24
6. 519
7. 9
8. 8
9. 4, 2
10. Teacher check
11. 65, 81, 83
12. 4.00
13. Teacher check
14. less
15. 76
16. 3
17. 4.50 p.m.
18. 9.00 am
19. 15 mins
20. 10.00, 1.15, 5.30

Wednesday

1. 25, 11
2. 14
3. sphere
4. 93
5. 9
6. 4
7. irregular shape
8. 5 × €2 coin
9. 350
10. no
11. greater
12. 110
13. 10
14. Teacher check
15. 4, 8
16. 63
17. 3, 8
18. 2, 8
19. 1, 8
20. 2, 8

Thursday

1. 20, 3
2. 5, 2
3. 30
4. Teacher check
5. 53.00
6. 3
7. True
8. 29
9. 28
10. 100
11. Teacher check
12. >
13. A
14. 9.09
15. 750
16. 15
17. 0.1, 0.3, 0.5
18. 9th July
19. 31
20. Teacher check

Problem-Solving

Monday

1. 2
2. 4

Tuesday

1. 40
2. 200

Wednesday

1. 5.45 p.m.
2. 25th, March

Thursday

1. 3, 5, 7
2. (a) 2 × 5
   (b) 8 × 3

Friday Review

1. 10, 9
2. 130
3. 0.1, 0.7, 0.9
4. 702
5. 1.65
6. 3, 5
7. 66
8. 7
9. 376
10. 3
11. 100
12. 10
13. no
14. 1
15. 1st November
16. 3, 6
17. 54
18. less
19. Teacher check
20. 5.25
21. Teacher check
22. 0
23. 8, 1
24. Teacher check
25. B, C, E

Monday

1. 10:15
2. 130
3. 5.00
4. 80
5. True
6. 20
7. 56
8. yes
9. 8
10. D, A
11. Teacher check
12. 2, 2
13. 12
14. 20
15. Teacher check
16. 45
17. Teacher check
18. A
19. 8
20. less

Tuesday

1. 5.00
2. 5, 4
3. triangular prism
4. less
5. No
6. 48
7. 30
8. 16

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

9. cuboid
10. 50
11. 86
12. 33
13. 0.9, 0.3, 0.2
14. 36
15. Teacher check
16. 6.00
17. 130
18. 9
19. 30
20. B

Wednesday
1. 8:10
2. 5, 8
3. 140
4. 5
5. 0.7, 0.5, 0.1
6. 10
7. 24
8. 100
9. 36
10. 100
11. 400
12. 0.2, 0.6, 0.9
13. 57
14. 10.00
15. yes
16. 56
17. triangle
18. 330
19. 14
20. greater

Thursday
1. 10:55
2. 10
3. 400
4. 8, 1
5. False
6. 9
7. Teacher check
8. 6
9. 26
10. 20
11. 100
12. 750
13. Teacher check
14. 80
15. 18
16. vanilla
17. mint
18. 1
19. 1
20. 33

Problem-Solving
Monday
1. blue, green, red

2. 6.30 p.m.
Tuesday
1. 13, 21
2. 90, 85
Wednesday
1. 20
2.
```
    7
2 3 5
```
Thursday
1. A, C
2. Teacher check, 6
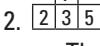
Friday Review
1. 7:50
2. D, A
3. 24
4. 150
5. 84
6. 130
7. 8
8. False
9. 460
10. 120
11. 12
12. Teacher check
13. 3, 2
14. 800
15. 99
16. 28
17. 25
18. 8
19. Teacher check
20. 90
21. 36
22. greater
23. A
24. yes
25. A

Week 38 pages 113–115
Monday
1. 2:30
2. True
3. 5
4. semicircle
5. 0.9, 0.3, 0.2
6. Teacher check
7. 26th June
8. 32
9. greater
10. 90
11. April
12. 5
13. 39
14. 250
15. 730
16. 6, 4

17. 56
18. 6, 30, 5
19. 65
20. Yes

Tuesday
1. 3:45
2. Teacher check
3. 25
4. 9, 1
5. 470
6. no
7. Teacher check
8. 4, 12, 3
9. 700
10. 42
11. oval
12. A
13. B
14. 12
15. False
16. Teacher check
17. 1, 9
18. 1, 9
19. 3, 9
20. 4, 9

Wednesday
1. 11:20
2. 2.0
3. 4, 3
4. 5
5. 68
6. 35
7. 58
8. 300
9. hexagon
10. 82
11. 40
12. 18
13. Teacher check
14. 2
15. 56
16. 3, 30, 10
17. Teacher check
18. 90
19. 0.9, 0.6, 0.3
20. less

Thursday
1. 7:35
2. 10.00
3. 9, 2
4. 27
5. Teacher check
6. Teacher check
7. 2
8. Teacher check
9. 5
10. 250

11. 15
12. 12
13. C
14. 510
15. 40
16. 97
17. 970
18. 32
19. 2, 18, 9
20. circle, rectangle

Problem-Solving
Monday
1. 5
2. 4, 8
Tuesday
1. B
2. 4.50
Wednesday
1. Teacher check
2. 40
Thursday
1. 8
2. 2, 30, 150

Friday Review
1. 3:25
2. 740
3. False
4. 0.8, 0.4, 0.3
5. 24
6. 22
7. Teacher check
8. 900
9. 1 m
10. Teacher check
11. 24
12. 8
13. 27
14. 100
15. 69
16. 50
17. semicircle
18. 200
19. 32
20. 6, 2
21. Teacher check
22. 3, 10
23. 4, 10
24. 2, 10
25. 1, 10

Week 39 pages 116–118
Monday
1. 1, 15
2. 2
3. < right angle
4. 19
5. 3, 21, 7

6. 86
7. Teacher check
8. 8, 2
9. 16
10. True
11. 5
12. 14
13. 1.04
14. 63
15. 300
16. Teacher check
17. A
18. 0.1, 0.2, 0.8
19. 13
20. B, D

Tuesday
1. 1, 45
2. 17
3. 20
4. 800
5. 28
6. 7, 4
7. 520
8. 6
9. 10, 40, 4
10. 80
11. hexagon
12. Teacher check
13. Teacher check
14. = right angle
15. 2, 12
16. 2, 12
17. 4, 12
18. 4, 12
19. red, blue
20. green, yellow

Wednesday
1. 2, 30
2. 32
3. 6, 3
4. 0.1, 0.5, 0.7
5. 63
6. 30
7. B
8. 10
9. Teacher check
10. Teacher check
11. > right angle
12. 38
13. 27
14. 8
15. Teacher check
16. 5
17. 450
18. 20
19. triangular prism
20. Teacher check

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

Thursday

1. 0, 45
2. 8, 40, 5
3. 7, 4
4. sphere
5. 150
6. 7
7. False
8. 0.8, 0.6, 0.3
9. 48
10. 20
11. Add 4
12. 55
13. Teacher check
14. 9
15. 24
16. 790
17. 0.2, 0.4, 0.7
18. 1.10
19. 9, 4
20. Teacher check

Problem-Solving

Monday

1. Aoife, Liam, Conor, Ava
2. Eva, Niamh, Tim, Mia

Tuesday

1. $\frac{3}{8}$
2. Most = Ben
   Least = Jess

Wednesday

1. Teacher check
2. November

Thursday

1. $\frac{5}{8}$
2. Tess

Friday Review

1. 1, 30
2. Teacher check
3. 270
4. 28
5. 97
6. B, D
7. 450
8. 0.3, 0.6, 0.9
9. 30
10. A
11. 5
12. Teacher check
13. 0.2, 0.4, 0.7
14. < right angle
15. 82
16. 76
17. 8, 24, 3
18. 6, 3
19. 800
20. 48

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21. Teacher check
22. 20
23. True
24. 31
25. Teacher check

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Monday

1. $\frac{1}{4}$, 7
2. 11
3. 5
4. 10
5. 99
6. 50
7. 52
8. 60
9. sphere
10. Teacher check
11. 10
12. True
13. 7, 4
14. Teacher check
15. > right angle
16. 1.10
17. 16
18. 7, 42, 6
19. 0.9, 0.4, 0.1
20. 5

Tuesday

1. 4
2. 7, 2
3. 36
4. 11
5. 58
6. 20
7. Teacher check
8. < right angle
9. 37
10. 6
11. 45
12. 50
13. 32, 8, 32, 4
14. 20
15. 56
16. 3
17. 2 hours
18. 45
19. 5 mins
20. cartoons

Wednesday

1. 20, 2
2. 9, 4
3. 84
4. 50
5. Teacher check
6. 6
7. = right angle

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8. 5, 45, 9
9. 31
10. 36
11. 40
12. 9
13. vertical
14. 50
15. 4, 13
16. 2, 13
17. 4, 13
18. 3, 13
19. yellow, red
20. blue, green

Thursday

1. 5, 8
2. yes
3. 27
4. 750
5. 70
6. 0
7. 84
8. 31
9. < right angle
10. 4, 20, 5
11. False
12. 42
13. Teacher check
14. 9
15. 7
16. 80
17. Teacher check
18. 20
19. 0.2, 0.4, 0.7
20. Teacher check

Problem-Solving

Monday

1. Teacher check
2. Teacher check

Tuesday

1. 4, 4, 16
2. 4, 6, 24

Wednesday

1. Teacher check
2. 13

Thursday

1. 33, 1
2. Teacher check

Friday Review

1. 20, 10
2. 96
3. 90
4. 80
5. 1.50
6. 6
7. Teacher check
8. False
9. 30

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10. Teacher check
11. 8, 1
12. 260
13. Teacher check
14. 16
15. 14
16. 6, 18, 3
17. 11
18. 0.7, 0.4, 0.2
19. 45
20. 42
21. vertical
22. pyramid
23. red
24. yellow
25. green, blue