

# MATHEMATICS

## 4TH CLASS

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***PARENT PACK***

- 8 weeks and 2 days = \_\_\_\_\_ days
- $16 + 7 =$  \_\_\_\_\_
- $(5 \times 10) \times 3 = 5 \times (\text{_____} \times 3)$
- What length is  $\frac{6}{10}$  of 1 km? \_\_\_\_\_ m
- 4 km 70 m = \_\_\_\_ . \_\_\_\_ km
- 4 hours 40 min. add 2 hours 25 min.  
= \_\_\_\_\_ hour(s) \_\_\_\_\_ minute(s)
- Tim has 28 balloons and ties them in groups of 7.  
Write the answer as a number sentence.

\_\_\_\_\_ = \_\_\_\_\_

8. What is the value of the 7 in 7,000? \_\_\_\_\_

9. Draw a reflection of:

ch

10. Round 7,500 to the nearest thousand.

\_\_\_\_\_

11.  $\frac{1}{2} > \frac{1}{20}$   True  False

12. 
$$\begin{array}{r} 434 \\ \times 2 \\ \hline \end{array}$$

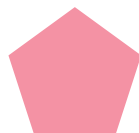
13. What 2-D shape has 4 lines of symmetry?

\_\_\_\_\_

14.  $0.7 > 1$   True  False

15.  $5 \times 9 =$  \_\_\_\_\_

16.  $6 \overline{)840} =$  \_\_\_\_\_



17. A pentagon has  
 parallel lines.  non-parallel lines.

18.  $\text{€}20.00 - \text{€}10.10 = \text{€}$  \_\_\_\_\_

19. Write the numeral nine thousand two hundred.

\_\_\_\_\_

20. The outcome of a coin toss is either  
\_\_\_\_\_ or \_\_\_\_\_.

- 72 days = \_\_\_\_\_ weeks and \_\_\_\_\_ days
- What 3-D shape has 6 square faces, 12 edges and 8 vertices?

\_\_\_\_\_

3.  $230 + 80 =$  \_\_\_\_\_

4.  $\frac{7}{10} =$  0. \_\_\_\_\_

5. Write 2.45 in expanded form.

\_\_\_\_\_ + 0. \_\_\_\_\_ + 0. \_\_\_\_\_

6.  $0.8 \times 4 =$  \_\_\_\_\_

7. 
$$\begin{array}{r} 302 \\ \times 3 \\ \hline \end{array}$$

8. 5 km 180 m = \_\_\_\_ . \_\_\_\_ km

9. An obtuse angle is greater than a right angle.

True  False

10. What is the value of the 6 in 6,000?

\_\_\_\_\_

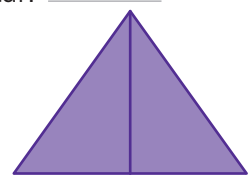
11.  $1.1 > 0.9$   True  False

12. Is a light bulb symmetrical? \_\_\_\_\_

13. Double 19. \_\_\_\_\_

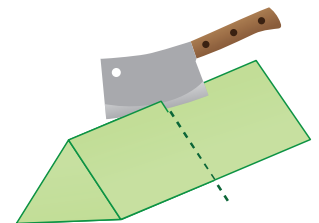
14. How many triangles can you find?

\_\_\_\_\_



15. What 2-D shape will be seen after the cut?

\_\_\_\_\_




16.  $90 + 80 =$  \_\_\_\_\_

17.  $2,000 - 150 =$  \_\_\_\_\_

18.  $\frac{1}{4}$  of 60 = \_\_\_\_\_

19. 6,040 ml = \_\_\_\_\_ l \_\_\_\_\_ ml

20. Product of 6 and 8 = \_\_\_\_\_

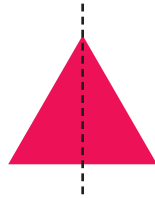
1.  =

2. 
$$\begin{array}{r} 201 \\ \times 4 \\ \hline \end{array}$$

3.  $17 - 9 = \underline{\hspace{2cm}}$

4. The line of symmetry is

- horizontal.
- vertical.
- diagonal.



5.  $12 \times 3 = \underline{\hspace{2cm}}$

6.  $2,500 \text{ ml} = \underline{\hspace{1cm}} \text{ l } \underline{\hspace{1cm}} \text{ ml}$

7.  $9 \times 0.3 = \underline{\hspace{2cm}}$

8. What shape?



9.  $\frac{3}{6} = \frac{\square}{2}$

10. It is the 30th of May. Tick which is less likely to happen.

- It will snow today.
- It will rain today.

11.  $0.6 + 0.7 = \underline{\hspace{2cm}}$

12. Write 5.17 in expanded form.

$\underline{\hspace{1cm}} + 0.\underline{\hspace{1cm}}\underline{\hspace{1cm}} + \underline{\hspace{1cm}}.$

13. What is the date 6 days before the 5th of October?

14.  $8 + 8 + 7 = \underline{\hspace{2cm}}$

15. Double 49.


16. What length is  $\frac{1}{4}$  of 200 metres?  m

17.  500,  2,000,  3,500,  6,500

18.  $(40 \div 4) \times (60 \div 5) = \underline{\hspace{2cm}}$

19. Halve 150.

20. Ethan wrote the date of 4/9. What month was it?

1.  =

2.  $(2 \times 4) \times 6 = 2 \times (\underline{\hspace{1cm}} \times 6)$

3.  $101 - 7 = \underline{\hspace{2cm}}$

4. How many tenths in 5 wholes?

5. What length is  $\frac{2}{5}$  of 5,000 metres?  
 m

6.  $7 \text{ km } 3 \text{ m} = \underline{\hspace{1cm}}.\underline{\hspace{1cm}} \text{ km}$

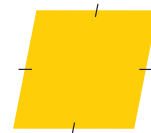
7.  $\frac{3}{4} = \frac{\square}{8}$

8.  $5 \times 4 \times 2 = \underline{\hspace{2cm}}$

9.  $250 \text{ ml} = 0.\underline{\hspace{1cm}} \text{ l} = \frac{1}{4} \text{ l}$

10. A rhombus has

- parallel lines.
- non-parallel lines.



11.  $260 + 80 = \underline{\hspace{2cm}}$

12. How many minutes difference?



13.  $40 + 90 = \underline{\hspace{2cm}}$

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

15. 19.7, 19.8, 19.9,

16. This 2-D shape is an irregular



17.  $0.17 = \underline{\hspace{1cm}}$  tenth(s)  hundredth(s)

18. Double 59.

19. 25, 50, 75, , 125,

20.  $\frac{2}{4} = \frac{\square}{8}$

## Monday

1. Follow the pattern to complete the table.

Books read	2	4	6	8	10
Time taken (days)	4	8	12		

2. How many 10-cm rods will be needed to measure 240 cm? \_\_\_\_\_

## Tuesday

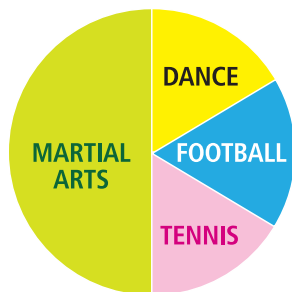
	Total laps of the running track			
Conor	3	6	9	
Liam	4	8		16

1. Follow the patterns to complete the table.

2. How many 10-cm rods will be needed to measure 1,250 cm? \_\_\_\_\_

## Wednesday

This pie chart shows 4th Class' after-school activities.



1. What fraction has dance after school?  
\_\_\_\_\_

2. What fraction has martial arts after school?  
\_\_\_\_\_

## Thursday

1. Complete the pattern.



2. What volume is needed to fill this jug to 2 litres?  
\_\_\_\_\_ litres



1. 9 weeks and 4 days = \_\_\_\_\_ days

2.  $203 - 7 =$  \_\_\_\_\_

3. How many sixths in 5 wholes?  
\_\_\_\_\_

4.  $5 \times 3 \times 2 =$  \_\_\_\_\_

5. 
$$\begin{array}{r} 434 \\ \times 2 \\ \hline \end{array}$$

6.  $0.36 =$  \_\_\_\_\_ tenths  
+ \_\_\_\_\_ hundredths

7. 
$$\frac{2}{6} = \frac{\square}{3}$$

8. Write 2.53 in expanded form.  
\_\_\_\_\_ + 0. \_\_\_\_\_ + 0. \_\_\_\_\_

9.  $0.9 + 0.2 =$  \_\_\_\_\_

10.  $\text{€}20.00 - \text{€}10.30 =$   
€ \_\_\_\_\_

11. What length is  $\frac{3}{10}$  of 1 kilometre?  
\_\_\_\_\_ m

12.  $9 \times 0.5 =$  \_\_\_\_\_

13. Double 59. \_\_\_\_\_

14. An octagon has

parallel lines.

non-parallel lines.



15.  $0.8 \times 4 =$  \_\_\_\_\_

16.  $4 \text{ km } 60 \text{ m} =$   
\_\_\_\_\_ km

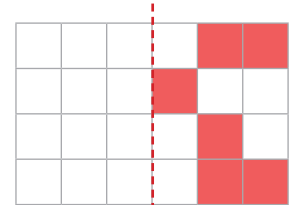
17.  $6 \overline{)444} =$  \_\_\_\_\_

18. 4 hours 25 min. add 2 hours 45 min.

= \_\_\_\_\_ hour(s)

\_\_\_\_\_ minute(s)

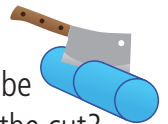
19. Complete the pattern.



line of symmetry

20. Write the largest number possible using the digits 7, 8, 4 and 0.  
\_\_\_\_\_

21. What 2-D shape will be seen after the cut?



22. Round 6,901 to the nearest thousand.  
\_\_\_\_\_

23. Share 90c equally among 9 people. How much each? Complete the number sentence.

\_\_\_\_\_ c \_\_\_\_\_ c

= \_\_\_\_\_ c

24. How many minutes difference?  
\_\_\_\_\_





25. Henry opened a new litre carton of milk. He used 750 mL. How much milk was left?

\_\_\_\_\_ mL

# MONDAY

# TUESDAY

- Write the digital time for 16 minutes to 8.  
\_\_\_\_\_
- Julie is 1 m 29 cm tall. Joe is 124 cm tall.  
How much taller is Julie?  
\_\_\_\_\_ cm
- Write as a decimal.  
2 km 500 m = 2. \_\_\_\_\_ km
- $60 - 35 =$  \_\_\_\_\_
- $17 + 13 =$  \_\_\_\_\_
- $100 \div 100 =$  \_\_\_\_\_
- $\frac{2}{3} = \frac{\square}{6} = \frac{\square}{9}$
- $0.9 + 0.1 =$  \_\_\_\_\_
- If you stack a number of rectangles together,  
what 3-D shape will be made?  
\_\_\_\_\_
- $600 + 800 =$  \_\_\_\_\_
- Cost of 200 g of chocolate at €20.00 per kg?  
€ \_\_\_\_\_
- How many zeros in one thousand? \_\_\_\_\_
- Is a spoon symmetrical? \_\_\_\_\_
- $\frac{1}{4}$  of 600 = \_\_\_\_\_
- 3 hours 30 min. subtract 1 hour 15 min.  
= \_\_\_\_\_ hour(s) \_\_\_\_\_ minute(s)
- $5 \times 82 \times 2 =$  \_\_\_\_\_
- $8 + 7 + 9 =$  \_\_\_\_\_
- $105 - 15 =$  \_\_\_\_\_
- $0.7 = \frac{\square}{10}$
- $0.3 > 1$      True     False

- Write the digital time for 8 minutes past 2.  
\_\_\_\_\_
- Round 2,483 to the nearest thousand. \_\_\_\_\_
- $7,000 + 2,000 =$  \_\_\_\_\_
- $0.8 + 0.3 =$  \_\_\_\_\_
- $300 \div 100 =$  \_\_\_\_\_
- $14 + 16 =$  \_\_\_\_\_
- $70 - 45 =$  \_\_\_\_\_
- Write as a fraction.  
250 ml = \_\_\_\_\_ l
- Write 0.72 as a fraction. \_\_\_\_\_
- Draw a reflection of:  

- $5.05 + 2.94 =$  \_\_\_\_\_
- $0.8 \times 7 =$  \_\_\_\_\_
- What irregular 2-D shape?  
\_\_\_\_\_ 
- On this bus timetable,  
what is the time interval  
between each bus?  
\_\_\_\_\_ minutes  

DEPARTURES
7.03 a.m.
7.11 a.m.
7.19 a.m.
7.27 a.m.
- $205 - 15 =$  \_\_\_\_\_
- 8, 16, \_\_\_\_\_, 32
- Write 5 km 200 m as a decimal.  
\_\_\_\_\_ km
- Does a rhombus have parallel lines?  
\_\_\_\_\_
- Cost of 200 g of cheese at €10.00 per kg?  
€ \_\_\_\_\_
- $140 + 160 =$  \_\_\_\_\_

1. Write the digital time for 21 minutes to 10.

\_\_\_\_\_

2. 3 hours 45 min. subtract 2 hours 15 min.

= \_\_\_\_\_ hour(s) \_\_\_\_\_ minute(s)

3.  $0.2 \times 6 =$  \_\_\_\_\_

4.  $8,000 + 1,000 =$  \_\_\_\_\_

5. If you stack a number of circles together, what 3-D shape will be made?

\_\_\_\_\_

6.  $80 - 55 =$  \_\_\_\_\_

7.  $18 + 12 =$  \_\_\_\_\_

8. Draw a reflection of:

C

9.  $500 \div 100 =$  \_\_\_\_\_

10. How many digits make up the numeral two thousand? \_\_\_\_\_

11. On this bus timetable, what is the time interval between each bus?

\_\_\_\_\_ minutes

**DEPARTURES**

7.09 a.m.
7.24 a.m.
7.39 a.m.
7.54 a.m.

12.  $405 - 15 =$  \_\_\_\_\_

13.  $0.7 + 0.6 =$  \_\_\_\_\_

14. Mark is 125 cm tall. Linda is 1 m 23 cm tall. What is their combined height?

\_\_\_\_\_ cm

15. How many angles has a pentagon? \_\_\_\_\_

Write the chance of selecting the following coloured marbles from the bag.

16. red = \_\_\_\_\_ in \_\_\_\_\_

17. blue = \_\_\_\_\_ in \_\_\_\_\_

18. Which colour has the best chance of being chosen? \_\_\_\_\_

19. Which colour has the second best chance of being chosen? \_\_\_\_\_

20. Which colour has the least chance of being chosen? \_\_\_\_\_



1. Write the digital time for 24 minutes past 5.

\_\_\_\_\_

2.  $19 + 11 =$  \_\_\_\_\_

3. If you stack a number of triangles together, what 3-D shape will be made?

\_\_\_\_\_

4.  $0.1 \times 9 =$  \_\_\_\_\_

5. What is the perimeter of a rectangle 10 cm by 15 cm?

\_\_\_\_\_ cm

6.  $1,000 \div 10 =$  \_\_\_\_\_

7. Write as a fraction. 500 ml = \_\_\_\_\_ l

8.  $90 - 65 =$  \_\_\_\_\_

9.  $100 \times 38 =$  \_\_\_\_\_

10.  $40 \times 5 =$  \_\_\_\_\_

11. How many digits make up the numeral five thousand, nine hundred and eighteen?

\_\_\_\_\_

12.  $3,000 + 5,000 =$  \_\_\_\_\_

13.  $1 - 0.3 =$  \_\_\_\_\_

14. Which type of symmetry does the letter 'A' have?

vertical  horizontal

15. 5, 20, 35, \_\_\_\_\_, 65

16. Write as a decimal.

4 km 250 m = \_\_\_\_\_ . \_\_\_\_\_ km

17.  $0.5 + 2.5 =$  \_\_\_\_\_

18. Circle the oblique line.



19.  $505 - 15 =$  \_\_\_\_\_

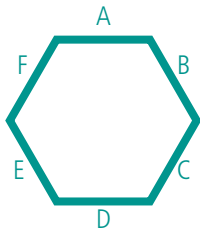
20. Colour an arrow to show where the balance scales will tip.



Monday

1. Pair the parallel sides.

\_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ and \_\_\_\_\_

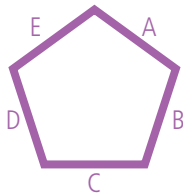


2. Draw the 4 diagonal lines within the hexagon.

Tuesday

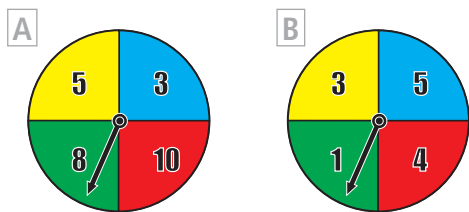
1. Extend each side of this regular pentagon to test if any sides are parallel. What have you discovered?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



2. Draw the diagonal lines on the pentagon. How many are there? \_\_\_\_\_

Wednesday



1. Which spinner is more likely to land on an odd number? \_\_\_\_\_  
 2. Which spinner will never land on a number > 8? \_\_\_\_\_

Thursday

1. A road crew charges 50c per metre for painting a white line. How much would it cost to paint a kilometre?  
 € \_\_\_\_\_  
 2. The 5 angles in a regular pentagon are  
 acute.     obtuse.     right.

1. Write the digital time for 18 minutes to 11.  
 \_\_\_\_\_

2.  $17 + 13 =$  \_\_\_\_\_

3.  $0.3 \times 9 =$  \_\_\_\_\_

4.  $90 - 65 =$  \_\_\_\_\_

5. Round 6,572 to the nearest thousand.  
 \_\_\_\_\_

6.  $0.8 + 0.5 =$  \_\_\_\_\_

7. Sandy is 1.34 m tall. Bob is 1.23 m tall. How much shorter is Bob?  
 \_\_\_\_\_ cm

8.  $6,000 + 3,000 =$  \_\_\_\_\_

9.  $1,100 \div 100 =$  \_\_\_\_\_

10. Write as a decimal.  
 3 km 400 m =  
 \_\_\_\_ . \_\_\_\_ km

11. Is a fork symmetrical?  
 \_\_\_\_\_

12. 2 hours 45 min. subtract 1 hour 30 min.  
 = \_\_\_\_\_ hour(s)  
 \_\_\_\_\_ minute(s)

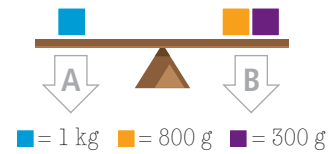
13.  $5.25 + 2.53 =$  \_\_\_\_\_

14.  $0.4 + 2.6 =$  \_\_\_\_\_

15. Which letter has a vertical line of symmetry?  
 \_\_\_\_\_



16. Colour an arrow to show where the balance scales will tip.



17. Write as a fraction.

750 ml = \_\_\_\_\_ l

18.  $\frac{2}{3} = \frac{\square}{9}$

19. Here is a bus timetable.

DEPARTURES

8.07 a.m.
8.22 a.m.
8.37 a.m.
8.52 a.m.

What is the time interval between each bus?  
 \_\_\_\_\_ minutes

20.  $505 - 15 =$  \_\_\_\_\_

21. Draw a reflection of:



22. What is the cost of 200 g of marshmallows at €5.00 per kg?  
 € \_\_\_\_\_

23.  $5 \times 76 \times 2 =$  \_\_\_\_\_

24. 3, 18, 33, \_\_\_\_\_, 63

25. What is the perimeter of a rectangle 9 m by 7 m?  
 \_\_\_\_\_ m

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

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. 4.0
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. 10
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

#### Wednesday

1. 7:45
2. 804
3. 8
4. vertical
5. 36



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

<p>6. 2, 500 7. 2.7 8. parallelogram 9. 1 10. Teacher check 11. 1.3 12. 5, 1, 07 13. 29<sup>th</sup> of September 14. 23 15. 98 16. 50 17. 5,000 18. 120 19. 75 20. September</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 2:45 2. 4 3. 94 4. 50 5. 2,000 6. 7, 003 7. 6 8. 40 9. 25 10. parallel lines 11. 340 12. 35 13. 130 14. <math>\frac{1}{4}</math> 15. 20.0 16. octagon 17. 1, 7 18. 118 19. 100, 150 20. 4</p> <p style="text-align: center;"><b>Problem-Solving</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 16, 20 2. 24</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 12, 12 2. 125</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. <math>\frac{1}{6}</math> 2. <math>\frac{1}{2}</math></p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. Teacher check 2. <math>1\frac{1}{2}</math></p> <p style="text-align: center;"><b>Friday Review</b></p> <p>1. 67 2. 196 3. 30 4. 30 5. 868 6. 3, 6 7. 1 8. 2, 5, 03</p>	<p>9. 1.1 10. 9.70 11. 300 12. 4.5 13. 118 14. parallel lines 15. 3.2 16. 4.06 17. 74 18. 7, 10 19. Teacher check 20. 8,740 21. circle 22. 7,000 23. <math>90 \div 9, 10</math> 24. 45 25. 250</p> <p style="text-align: center;"><b>Week 31 pages 92–94</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 7.44 2. 5 3. 5 4. 25 5. 30 6. 1 7. 4, 6 8. 1.0 9. cuboid 10. 1,400 11. 4.00 12. 3 13. yes 14. 150 15. 2, 15 16. 820 17. 24 18. 90 19. 7 20. False</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 2.08 2. 2,000 3. 9,000 4. 1.1 5. 3 6. 30 7. 25 8. <math>\frac{1}{4}</math> 9. <math>\frac{72}{100}</math> 10. Teacher check 11. 7.99 12. 5.6 13. octagon 14. 8 15. 190 16. 24 17. 5.2</p>	<p>18. yes 19. 2.00 20. 300</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. 9.39 2. 1, 30 3. 1.2 4. 9,000 5. cylinder 6. 25 7. 30 8. Teacher check 9. 5 10. 4 11. 15 12. 390 13. 1.3 14. 248 15. 5 16. 3, 9 17. 5, 9 18. blue 19. red 20. yellow</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 5.24 2. 30 3. triangular prism 4. 0.9 5. 50 6. 100 7. <math>\frac{1}{2}</math> 8. 25 9. 3,800 10. 200 11. 4 12. 8,000 13. 0.7 14. vertical 15. 50 16. 4.25 17. 3 18. Teacher check 19. 490 20. A</p> <p style="text-align: center;"><b>Problem-Solving</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. A and D, B and E, F and C 2. Teacher check</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. A regular pentagon has no parallel lines 2. 5</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. B 2. B</p>	<p style="text-align: center;"><b>Thursday</b></p> <p>1. 500 2. obtuse</p> <p style="text-align: center;"><b>Friday Review</b></p> <p>1. 10.42 2. 30 3. 2.7 4. 25 5. 7,000 6. 1.3 7. 11 8. 9,000 9. 11 10. 3.4 11. yes 12. 1, 15 13. 7.78 14. 3.0 15. A 16. B 17. <math>\frac{3}{4}</math> 18. 6 19. 15 20. 490 21. Teacher check 22. 1.00 23. 760 24. 48 25. 32</p> <p style="text-align: center;"><b>Week 32 pages 95–97</b></p> <p style="text-align: center;"><b>Monday</b></p> <p>1. 11.33 2. 0.3 3. cube 4. 8.50 5. 3.3 6. 7.75 7. 6,000 8. 389 9. 5.6 10. 2.50 11. 2.25 12. 1.0 13. Teacher check 14. 1,300 15. 2,800 16. 1,800 17. 10.25 18. horizontal 19. True 20. 110</p> <p style="text-align: center;"><b>Tuesday</b></p> <p>1. 2,690 2. <math>\frac{3}{4}</math> 3. 36 4. 1,100</p>	<p>5. 5.60 6. 0.4, 0.05 7. 5.5 8. Teacher check 9. 25 10. Teacher check 11. 1,700 12. 250 13. 11/100 14. 0.60 15. 10 16. 6,429 17. 700 18. 19 19. 288 20. 5</p> <p style="text-align: center;"><b>Wednesday</b></p> <p>1. 5.49 2. 100 3. 32 4. 8.8 5. <math>\frac{8}{10} (\frac{4}{5})</math> 6. 73.25 7. 20.00 8. 1, 6 9. 1,200 10. 72 11. 7, 3 12. 36 13. 18 14. 3.8 15. 75 16. 8,523 17. 1, 20 18. 285 19. 29 20. horizontal</p> <p style="text-align: center;"><b>Thursday</b></p> <p>1. 8.08 2. 20 3. 69.9 4. Teacher check 5. 9.9 6. 15.50 7. 1,300 8. 45 9. 4,900 10. Teacher check 11. 3 12. 42.96 13. 2,970 14. 1, 35 15. 685 16. 5.75 17. vertical 18. 12 19. 8, 8, 11 20. B</p>
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A  
B  
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2 × 9 = 18



Date: \_\_\_\_\_

Name: \_\_\_\_\_

Level DD

Sort of Easy

1.  $2 \times 7 = \underline{\quad}$     26.  $9 \times 0 = \underline{\quad}$
2.  $3 \times 1 = \underline{\quad}$     27.  $4 \times 7 = \underline{\quad}$
3.  $4 \times 4 = \underline{\quad}$     28.  $11 \times 9 = \underline{\quad}$
4.  $5 \times 3 = \underline{\quad}$     29.  $10 \times 8 = \underline{\quad}$
5.  $4 \times 5 = \underline{\quad}$     30.  $2 \times 2 = \underline{\quad}$
6.  $3 \times 2 = \underline{\quad}$     31.  $4 \times 6 = \underline{\quad}$
7.  $10 \times 4 = \underline{\quad}$     32.  $8 \times 7 = \underline{\quad}$
8.  $3 \times 6 = \underline{\quad}$     33.  $11 \times 2 = \underline{\quad}$
9.  $12 \times 0 = \underline{\quad}$     34.  $4 \times 3 = \underline{\quad}$
10.  $6 \times 3 = \underline{\quad}$     35.  $8 \times 5 = \underline{\quad}$
11.  $0 \times 4 = \underline{\quad}$     36.  $9 \times 9 = \underline{\quad}$
12.  $3 \times 3 = \underline{\quad}$     37.  $6 \times 8 = \underline{\quad}$
13.  $5 \times 1 = \underline{\quad}$     38.  $7 \times 7 = \underline{\quad}$
14.  $7 \times 5 = \underline{\quad}$     39.  $2 \times 8 = \underline{\quad}$
15.  $5 \times 5 = \underline{\quad}$     40.  $0 \times 10 = \underline{\quad}$
16.  $9 \times 2 = \underline{\quad}$     41.  $6 \times 4 = \underline{\quad}$
17.  $4 \times 8 = \underline{\quad}$     42.  $8 \times 7 = \underline{\quad}$
18.  $7 \times 3 = \underline{\quad}$     43.  $6 \times 5 = \underline{\quad}$
19.  $10 \times 10 = \underline{\quad}$     44.  $11 \times 8 = \underline{\quad}$
20.  $3 \times 8 = \underline{\quad}$     45.  $9 \times 7 = \underline{\quad}$
21.  $9 \times 5 = \underline{\quad}$     46.  $6 \times 6 = \underline{\quad}$
22.  $8 \times 8 = \underline{\quad}$     47.  $8 \times 3 = \underline{\quad}$
23.  $6 \times 8 = \underline{\quad}$     48.  $9 \times 6 = \underline{\quad}$
24.  $6 \times 7 = \underline{\quad}$     49.  $8 \times 4 = \underline{\quad}$
25.  $10 \times 11 = \underline{\quad}$     50.  $9 \times 8 = \underline{\quad}$



Your Score: \_\_\_\_\_

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X  
Y  
Z

2 × 9 = 18



Date: \_\_\_\_\_

Name: \_\_\_\_\_

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4.  $5 \times 3 = \underline{\quad}$     29.  $10 \times 8 = \underline{\quad}$
5.  $4 \times 5 = \underline{\quad}$     30.  $2 \times 2 = \underline{\quad}$
6.  $3 \times 2 = \underline{\quad}$     31.  $4 \times 6 = \underline{\quad}$
7.  $10 \times 4 = \underline{\quad}$     32.  $8 \times 7 = \underline{\quad}$
8.  $3 \times 6 = \underline{\quad}$     33.  $11 \times 2 = \underline{\quad}$
9.  $12 \times 0 = \underline{\quad}$     34.  $4 \times 3 = \underline{\quad}$
10.  $6 \times 3 = \underline{\quad}$     35.  $8 \times 5 = \underline{\quad}$
11.  $0 \times 4 = \underline{\quad}$     36.  $9 \times 9 = \underline{\quad}$
12.  $3 \times 3 = \underline{\quad}$     37.  $6 \times 8 = \underline{\quad}$
13.  $5 \times 1 = \underline{\quad}$     38.  $7 \times 7 = \underline{\quad}$
14.  $7 \times 5 = \underline{\quad}$     39.  $2 \times 8 = \underline{\quad}$
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22.  $8 \times 8 = \underline{\quad}$     47.  $8 \times 3 = \underline{\quad}$
23.  $6 \times 8 = \underline{\quad}$     48.  $9 \times 6 = \underline{\quad}$
24.  $6 \times 7 = \underline{\quad}$     49.  $8 \times 4 = \underline{\quad}$
25.  $10 \times 11 = \underline{\quad}$     50.  $9 \times 8 = \underline{\quad}$



Your Score: \_\_\_\_\_

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Answers

Answers

	P	Q	R	S	T	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ
1	16	99	9	24	12	6	8	9	14	12	45	21	8	27	24
2	12	40	9	33	30	0	14	18	3	10	16	12	21	20	32
3	5	33	14	0	4	4	0	15	16	21	12	20	27	1	70
4	9	50	12	36	24	9	10	2	15	24	15	8	32	12	0
5	8	11	50	60	8	8	8	12	20	18	8	18	72	16	28
6	7	20	77	12	35	7	70	20	6	8	60	10	30	24	30
7	0	44	100	77	0	4	6	21	40	20	18	15	56	18	48
8	45	10	6	48	25	12	16	30	18	30	32	18	48	96	54
9	10	30	21	99	28	10	18	10	0	45	4	12	18	32	120
10	24	88	16	55	1	16	20	4	18	77	12	0	36	45	63
11	16	60	27	84	18	10	12	35	0	16	27	100	100	70	132
12	30	55	24	22	16	12	27	18	9	21	10	0	0	0	96
13	3	80	4	110	36	15	10	5	5	24	27	12	4	72	18
14	32	66	24	11	20	60	18	16	35	36	24	8	72	28	12
15	24	70	40	72	16	18	100	40	25	100	36	40	84	90	96
16	77	22	36	44	35	2	9	12	18	0	20	16	27	110	60
17	15	80	18	96	22	20	30	30	32	12	100	18	12	54	120
18	28	60	28	0	27	40	28	0	21	27	32	45	16	30	60
19	6	77	6	88	14	0	36	49	100	24	36	24	36	108	84
20	80	10	32	120	40	33	21	27	24	14	56	36	48	48	36
21	44	66	15	0	9	18	4	24	45	9	24	55	49	8	72
22	49	100	8	96	70	10	55	45	64	56	36	1	48	54	108
23	4	20	49	66	132	30	24	16	48	32	24	36	12	48	48
24	88	50	18	108	24	14	0	48	42	121	28	42	50	110	108
25	36	0	121	11	100	16	24	28	110	72	48	27	108	121	99
26	64	110	132	84	49	12	90	56	0	54	45	30	144	120	81
27	100	11	25	22	32	22	24	36	28	28	40	42	110	132	54
28	60	132	63	144	6	55	32	70	99	48	55	121	36	144	96
29	110	70	11	33	4	0	16	54	80	108	21	50	99	72	72
30	54	22	20	132	36	20	18	14	4	36	0	48	56	96	144
31	21	77	48	44	40	10	12	55	24	48	24	25	110	96	132
32	18	0	45	110	54	44	25	8	56	81	36	56	132	63	8
33	42	121	30	66	121	16	35	36	22	144	42	36	25	55	64
34	24	90	0	121	20	50	24	24	12	49	25	54	2	40	45
35	120	0	42	120	21	9	3	25	40	54	36	49	120	60	72
36	25	40	64	55	0	6	88	63	81	18	30	45	40	54	84
37	36	90	36	36	64	12	0	10	48	72	49	28	108	84	60
38	72	120	42	12	77	15	22	40	49	96	54	80	144	132	90
39	35	30	56	99	28	6	10	24	16	0	88	0	0	60	110
40	12	55	81	24	108	18	16	32	0	88	80	32	72	48	54
41	20	120	70	0	56	16	24	1	24	84	24	81	81	108	40
42	63	33	16	60	10	30	40	42	56	25	33	28	14	36	48
43	18	132	96	88	81	8	36	0	30	56	48	50	32	84	108
44	48	44	132	48	48	20	45	30	88	44	24	24	42	81	72
45	0	99	54	72	36	14	20	8	63	110	64	64	24	108	48
46	40	110	10	132	132	18	25	36	36	48	27	110	90	72	36
47	96	0	72	96	15	0	28	44	24	60	0	16	80	84	84
48	99	88	21	77	144	30	21	21	54	63	32	56	100	72	10
49	84	44	36	84	96	25	36	24	32	42	99	54	72	120	16
50	56	132	72	108	63	12	35	42	72	72	56	12	96	108	36

Answers

# MENTAL ADDITION AND SUBTRACTION

## NUMBER

### TEACHER INFORMATION

#### *Objectives*

Shows proficiency with mental addition facts.  
Shows proficiency with mental subtraction facts.

#### *Concepts required*

Mentally adding one- and two-digit numbers with addend to 15.  
Mentally subtracting one- and two-digit numbers  
with answers less than 20.

#### *Answers*

A	B	C	D
10	6	5	15
0	8	1	19
18	10	3	13
14	13	2	18
18	7	16	4
10	16	14	15
24	29	9	2
8	2	17	19
11	19	9	20
17	1	5	7
14	23	11	7
3	0	26	16
14	16	21	13
5	27	20	5
2	15	3	22
17	17	28	3
12	14	2	18
24	23	4	10
16	18	17	25
6	4	21	6
5	8	22	20
17	0	19	15
6	12	7	3
20	4	6	15
22	4	12	1

# MENTAL ADDITION AND SUBTRACTION

## NUMBER

**A****B****C****D**

$8 + 2 =$	$9 - 3 =$	$10 - 5 =$	$9 + 6 =$
$9 - 9 =$	$12 - 4 =$	$12 - 11 =$	$10 + 9 =$
$10 + 8 =$	$13 - 3 =$	$11 - 8 =$	$8 + 5 =$
$11 + 3 =$	$10 + 3 =$	$9 - 7 =$	$11 + 7 =$
$9 + 9 =$	$11 - 4 =$	$11 + 5 =$	$10 - 6 =$
$12 - 2 =$	$8 + 8 =$	$10 + 4 =$	$12 + 3 =$
$12 + 12 =$	$15 + 14 =$	$12 - 3 =$	$11 - 9 =$
$11 - 3 =$	$12 - 10 =$	$9 + 8 =$	$12 + 7 =$
$13 - 2 =$	$15 + 4 =$	$13 - 4 =$	$15 + 5 =$
$15 + 2 =$	$9 - 8 =$	$12 - 7 =$	$13 - 6 =$
$12 + 2 =$	$15 + 8 =$	$8 + 3 =$	$9 - 2 =$
$10 - 7 =$	$13 - 13 =$	$15 + 11 =$	$10 + 6 =$
$8 + 6 =$	$12 + 4 =$	$12 + 9 =$	$9 + 4 =$
$9 - 4 =$	$15 + 12 =$	$10 + 10 =$	$11 - 6 =$
$13 - 11 =$	$11 + 4 =$	$12 - 9 =$	$15 + 7 =$
$11 + 6 =$	$10 + 7 =$	$15 + 13 =$	$13 - 10 =$
$10 + 2 =$	$9 + 5 =$	$10 - 8 =$	$12 + 6 =$
$15 + 9 =$	$12 + 11 =$	$13 - 9 =$	$15 - 5 =$
$9 + 7 =$	$15 + 3 =$	$8 + 9 =$	$15 + 10 =$
$11 - 5 =$	$12 - 8 =$	$15 + 6 =$	$12 - 6 =$
$13 - 8 =$	$13 - 5 =$	$12 + 10 =$	$11 + 9 =$
$12 + 5 =$	$10 - 10 =$	$11 + 8 =$	$10 + 5 =$
$10 - 4 =$	$8 + 4 =$	$12 - 5 =$	$9 - 6 =$
$12 + 8 =$	$9 - 5 =$	$13 - 7 =$	$8 + 7 =$
$11 + 11 =$	$11 - 7 =$	$9 + 3 =$	$10 - 9 =$

PUPIL NAME .....

# MAPS AND KEYS

## SHAPE

### TEACHER INFORMATION

#### *Objectives*

Recognises and locates key features on a grid map using coordinate points.

Uses compass point directions to describe location.

Understands symbols used on a key.

#### *Concepts required*

Coordinates

Key symbols

Compass directions

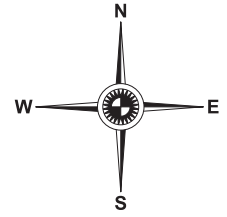
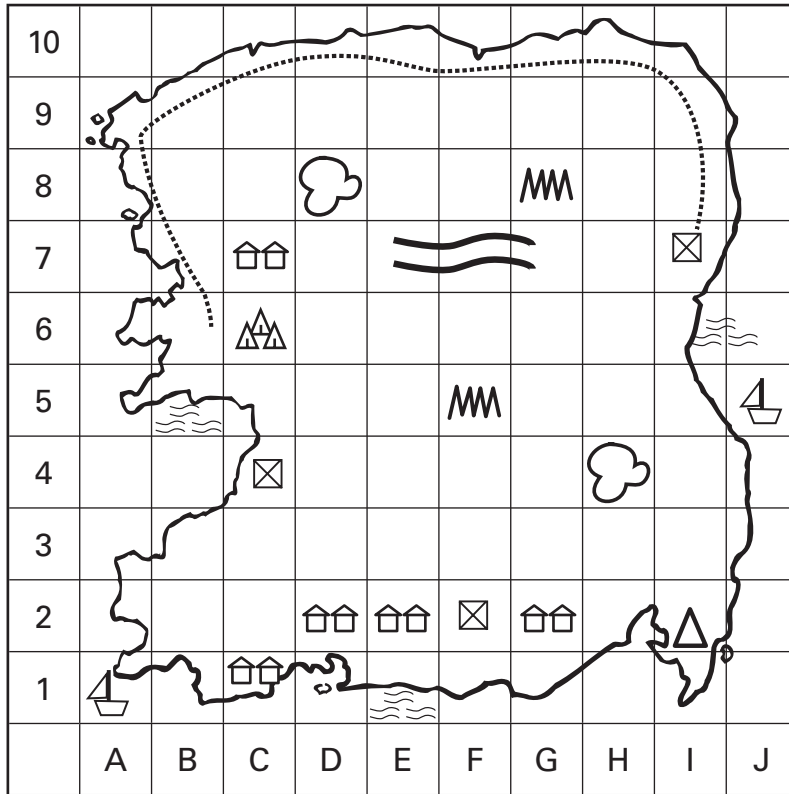
#### *Answers*

- |                |                    |                |
|----------------|--------------------|----------------|
| (a) I2         | (b) D8, H4         | (c) F2, C4, I7 |
| (d) B6, I7     | (e) camping ground | (f) I6         |
| (g) E7, F7, G7 | (h) boats          |                |
- Answers will vary

# MAPS AND KEYS

## SHAPE

1. Use the map and key to answer the questions.



Key	
	swimming beach
	bicycle track
	camping ground
	lake
	houses
	shop
	lighthouse
	hills
	river
	boats

PUPIL NAME .....

- (a) Where will you find the lighthouse?
- (b) Give the two coordinates for the lakes.
- (c) At what three locations would you find a shop?
- (d) Write the coordinates where the bicycle track starts  and ends .
- (e) What will you find at C6?
- (f) What is the coordinate for the swimming beach on the east coast?
- (g) What coordinates does the river run through?
- (h) What would you find at A1?

2. Add each of these to the map. Draw a symbol and write a coordinate.

- (a) cave   (b) waterfall   (c) toilet block