

MATHEMATICS

Year 4/Primary 5

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PARENT PACK

MONDAY

- $15\text{ g} - 12\text{ g} = \square\text{ g}$
- $20 - 5 = \square$
- $\text{£}1.00 - 45\text{p} = \square$
- $7 \div 2 = \square\text{ r } \square$
- What is the chance of it raining today?
☐ impossible ☐ not sure ☐ possible
☐ might ☐ certain
- $5 \times 4 = (3 \times 4) + (\square \times 4)$
- $$\begin{array}{r} 23 \\ \times 2 \\ \hline \end{array}$$
- $\frac{1}{10} = 0.1$ ☐ true ☐ false
- $4 \overline{)20}$ ☐
- $70 + 30 = \square$
- $500\text{ mL add } 250\text{ mL} = \square\text{ mL}$
- $\frac{1}{2}$ 
 $=$
 $\frac{3}{4}$ 
☐ true
☐ false
- $\text{£}2.50 = \square\text{ p}$
- Will a cube stack? ☐
- Which shape are the faces of a cube?
☐
- $8 \times 9 = \square$
- Tick the right angle. 
- Circle the largest. **0.4 0.2 0.7**
- 

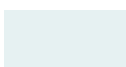
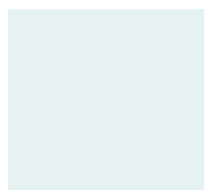
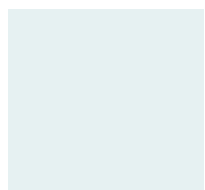
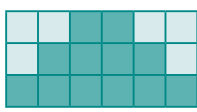
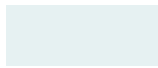
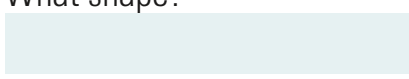
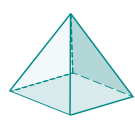
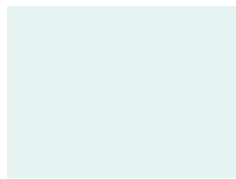
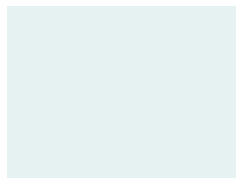

 Draw $\frac{1}{4}$ turn left.
- Write these fractions on the number line.
 $\frac{3}{4}, \frac{1}{2}, \frac{4}{10}$


TUESDAY

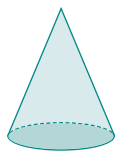
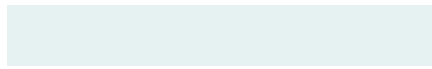
- $20\text{ g} - 5\text{ g} = \square\text{ g}$
 - $5 \div 2 = \square \text{ r } \square$
 - $30 - 15 = \square$
 - Cost of buying 1 m of elastic at 40p per 50 cm? $\square$
 - $\text{£}1.00 - 61\text{p} = \square$
 - What 2 shapes make a square pyramid?
 $\square$ and $\square$
 - Is this an irregular shape? $\square$ 
 - Has the shape got parallel lines? $\square$
 - $5 \overline{)35} = \square$
 - $\frac{5}{10} = 0.5, 5, 50?$ $\square$
 - $$\begin{array}{r} 41 \\ \times 2 \\ \hline \end{array}$$

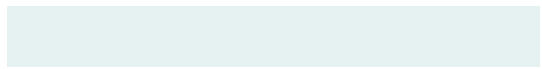
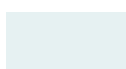
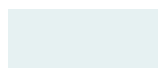
 $\square$
 - $250\text{ mL} + 250\text{ mL} = \square\text{ mL}$
 - $\frac{1}{4}$  $=$ $\frac{4}{8}$  $\square$ true
 $\square$ false
 - $14 - 7 = \square$
 - $380 + 120 = \square$
 - Which pet was the most popular?
 $\square$
- Pets**
- | | | | | | |
|----|-----|-----|------|------|--------|
| 25 | | | | | |
| 20 | | | | | |
| 15 | | | | | |
| 10 | | | | | |
| 5 | | | | | |
| 0 | | | | | |
| | dog | cat | bird | fish | rabbit |
- Which pet was there 10 of? $\square$
 - Which pets were the least popular?
 $\square$ and $\square$
 - How many dogs and rabbits? $\square$
 - How many animals altogether? $\square$

WEDNESDAY

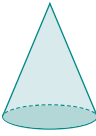
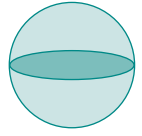
- $220 \text{ g} - 20 \text{ g} = \boxed{} \text{ g}$
- $7 \div 3 = \boxed{} \text{ r } \boxed{}$
- $14 + 18 = \boxed{}$ 
- Tick the right angles. 
- $7 \overline{)28} = \boxed{}$
- Edges on a cube? 
- Circle the smallest.
 $0.3 \quad 0.6 \quad 0.2$
- $$\begin{array}{r} 13 \\ \times 2 \\ \hline \end{array}$$
 
- $250 \text{ mL} + 250 \text{ mL} + 250 \text{ mL} = \boxed{} \text{ mL}$
- $23 - 8 = \boxed{}$ 
- $\pounds 3.25 = \boxed{} \text{ p}$
- Draw a vertical line. 
- Shaded area 
 $= \boxed{} \text{ squares}$
- $3 \times 4 = (1 \times 4) + (\boxed{} \times 4)$
- $\frac{2}{10} = 0.2$ ☐ true ☐ false
- Will a cone roll? 
- What shape?  
- $40 - 25 = \boxed{}$ 
- Draw an arrow going anticlockwise. 
- What is the chance of you wearing a pair of shoes to school?
☐ impossible ☐ not sure ☐ possible
☐ might ☐ certain

THURSDAY

- $800 \text{ g} - 500 \text{ g} = \boxed{} \text{ g}$
- $67 - 8 = \boxed{}$
- $\pounds 5.00 - \pounds 2.40 = \boxed{}$
- Name this shape. 

- $9 \div 2 = \boxed{} \text{ r } \boxed{}$
- $6 \times 5 = (4 \times 5) + (\boxed{} \times 5)$
- Write these fractions on the number line. $\frac{6}{10}, \frac{2}{8}, \frac{3}{4}$


- $6 \times 7 = \boxed{}$
- Cost of buying 3 m of skipping rope at $\pounds 2.00$ per 50 cm?
 $\pounds \boxed{}$
- $\pounds 9.99 = \boxed{} \text{ p}$
- Which shape are the faces of a cuboid?

- $$\begin{array}{r} 43 \\ \times 2 \\ \hline \end{array}$$
 
- $500 \text{ mL} - 250 \text{ mL} = \boxed{} \text{ mL}$
- $900 - 500 = \boxed{}$
- Draw the line of symmetry. 
- Has the arrow above got parallel lines? 
- $17 + 19 = \boxed{}$ 
- Tick the right angle. 
- $5 \times 9 = \boxed{}$
- $9 \overline{)45} = \boxed{}$

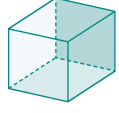
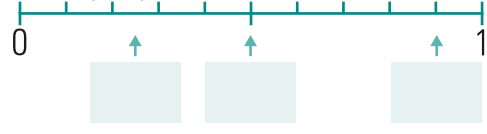
MONDAY

- 400 g add 250 g = g
- $3 \times 9 =$
- $8 \div 3 =$ r
- $81 - 10 =$
- $\pounds 3.75 - 80\text{p} =$
- $8 \times 5 = (3 \times 5) + (\text{ } \times 5)$
- Draw a reflection. 
- Does a cone have right angles? 
- $$\begin{array}{r} 23 \\ \times 3 \\ \hline \end{array}$$
- Circle the smallest.
0.3 0.8 0.6
- 1 litre add 3 litres = litres
- $4 \times 5 =$
- Name this shape. 
- Date a week from 18 May?
- Draw $\frac{1}{4}$ turn clockwise. 
- Has the H got parallel lines?
- $\frac{8}{10} = 0.1, 0.8$ or 8?
- An irregular or regular hexagon? 
- $12 \times 9 =$
- | | |
|--|--|
| | |
| | |

 $\frac{1}{2} =$

 $\frac{2}{4}$
☐ true
☐ false

TUESDAY

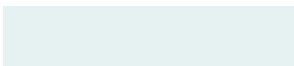
- 15 kg add 25 kg = kg
- $6 \times 9 =$
- $6 \div 4 =$ r
- $15 + 45 =$ 
- Does a cube have right angles?
- $\pounds 3.50 - 60\text{p} =$
- Cost of 4 kg flour at 50p per 500 g?
- Draw a pair of parallel lines.
- Name this 2-D shape. 
- Difference between 50 and 8 =
- $4 \times 6 = (1 \times 6) + (\text{ } \times 6)$
- Write zero point two as a numeral.
- $$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$
- 0.6, 0.7, 0.8,
- $\frac{3}{10} = 0.5$ ☐ true ☐ false
- Write these fractions on the number line.
 $\frac{1}{4}, \frac{9}{10}, \frac{4}{8}$

- 15 litres add 20 litres = litres
- Write the number before 500.
- $12 - 9 =$
- What is the chance of getting rotten teeth if you do not brush them?
☐ impossible ☐ not sure ☐ possible
☐ might ☐ certain

WEDNESDAY

1. $500 \text{ kg} - 200 \text{ kg} = \square \text{ kg}$

2. $8 \times 6 = \square$

3. Name this 3-D shape.



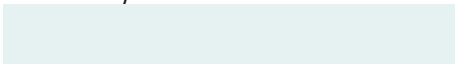
4. Double 37. $\square$

5. $13 + 17 = \square$

6. $9 \div 4 = \square \text{ r } \square$

JANUARY						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

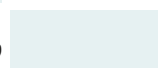
7. What day is the 11th?



8. How many days in the first week of January?



9. What day will 1st February be?



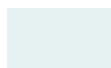
10. Write the dates of all the Sundays.



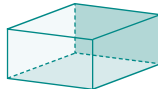
11. $\pounds 4.20 - 35\text{p} = \square$

12. $1, 4, 9, 16, 25, 36, \square$

13. Does a cuboid have right angles?



14. $3 \times 8 = (2 \times 8) + (\square \times 8)$



15. Circle the smallest.

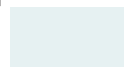
0.5 0.9 0.2

16. $200 \text{ litres} + 150 \text{ litres} = \square \text{ litres}$

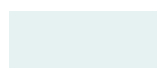
17. $\pounds 7.50 = \square \text{ p}$



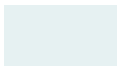
18. Can this tessellate?



19. Has the arrow above got horizontal lines?



20. Write a symmetrical number.

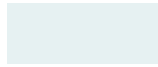


THURSDAY

1. $20 \text{ g} - 18 \text{ g} = \square \text{ g}$

2. $7 \times 8 = \square$

3. Round 148 (nearest 10).



4. $8 \div 5 = \square \text{ r } \square$

5. $\pounds 2.30 - 35\text{p} = \square$

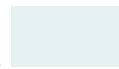
6. Write these fractions on the number line. $\frac{6}{8}, \frac{3}{10}, \frac{1}{2}$



7. $\pounds 1.00 - 25\text{p} = \square$

8. $500 - 270 = \square$

9. Halve 92.



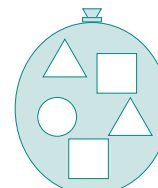
10. $600 + 700 = \square$

The chance of choosing the following shapes from the bag is:

11. Circle = $\square$ in 5.

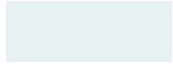
12. Square = $\square$ in 5.

13. Triangle = $\square$ in 5.

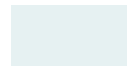


14. $50 \text{ litres} + 25 \text{ litres} = \square \text{ litres}$

15. What is the cost of 5 kg of watermelon at 20p per 500 g?



16.
$$\begin{array}{r} 21 \\ \times 3 \\ \hline \end{array}$$



17. What is the chance of getting sunburnt in summer?

☐ impossible ☐ not sure ☐ possible
☐ might ☐ certain

18. $\frac{4}{10} = 0.4$ ☐ true ☐ false

19. $17 - 8 = \square$

20. $0.2, 0.4, 0.6, \square$

FRIDAY TEST *Week 31*

1. $240\text{ g} - 30\text{ g} =$

g

2. $3 \times 6 =$

3. $15 - 9 =$

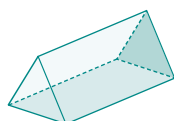
4. Cost of 5 m of rope at 10p per 10 cm

$= \text{£}$

5. In 34.5, what is the place value of the 3?

6. $9 \div 2 =$ r

7.



Name this 3-D shape.

8. $6 \times 4 =$

$(2 \times 4) + (\text{ } \times 4)$

9.
$$\begin{array}{r} 14 \\ \times 2 \\ \hline \end{array}$$

10. $\frac{1}{10} = 0.5$

☐ true ☐ false

11. $280 + 120 =$

12. $3 \times 8 =$

13. $4 \overline{)24} =$

14. 500 mL add 250 mL =

mL

15. $\text{£}2.99 =$ p

16. Will a cube roll?

17. Tick the right angle.



18. $0 + 7 =$

19. Surfaces on a solid cylinder.

20. What is the chance of it snowing today?

☐ impossible

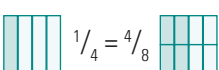
☐ not sure

☐ possible

☐ might

☐ certain

21. $\frac{1}{4} = \frac{4}{8}$



☐ true ☐ false

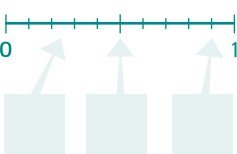
22. $\text{£}3.00 - \text{£}1.10 =$

23. Tick the largest.

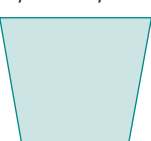
☐ 0.1 ☐ 0.9 ☐ 0.3

24. Write the fractions on the number line.

$\frac{1}{4}, \frac{9}{10}, \frac{4}{8}$



25. Draw a line of symmetry.



FRIDAY TEST *Week 32*

1. 50 kg add 75 kg =

kg

2. Draw a reflection.



3. $8 \div 3 =$

r

4. $7 \times 4 =$

5. $27 + 10 =$

6. Write nine hundred and ninety-nine as a numeral.

7. $9 \times 5 =$

$(5 \times 5) + (\text{ } \times 5)$

8. Does a cube have right angles?

9.
$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

10. This shape has been turned $\frac{1}{4}$

☐ clockwise.

☐ anticlockwise.

11. $45 \div 7 =$ r

12. $240 + 30 =$

13. 100, 95, 90, 85, 80,



Name this shape.

15. $\text{£}2.55 - 60\text{p} =$

16. Can this tessellate?

17. Circle the largest.

0.4 **0.7** **0.3**

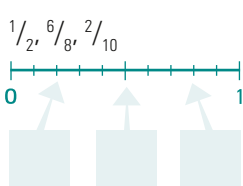
18. $\frac{3}{10} = 0.3$

☐ true ☐ false

19. 15 litres + 25 litres =

litres

20. Write the fractions on the number line.



21. $13 - 9 =$

22. $\text{£}7.05 =$ p

23. Name this shape.

24. $15 - 10 =$

25. Cost of buying 1 kg of tomatoes at 10p per 100 g =

£

NEW WAVE MENTAL MATHS Year 4/Primary 5 Book – Answers

WEEK 31 pages 62 – 63

Monday

- 3 g
- 15
- 55p
- 3 r 1
- Teacher check
- 2
- 46
- true
- 5
- 100
- 750 ml
- false
- 250p
- yes
- square
- 72
- Teacher check
- 0.7
- ☐
- Teacher check

Tuesday

- 15 g
- 2 r 1
- 15
- 80p
- 39p
- square and triangle
- yes
- no
- 7
- 0.5
- 82
- 500 mL
- false
- 7
- 500
- fish
- rabbit
- cat, bird
- 25
- 60

Wednesday

- 200 g
- 2 r 1
- 32
- Teacher check
- 4
- 12
- 0.2
- 26
- 750 mL
- 15
- 325p
- Teacher check
- 12
- 2

- true
- yes
- square pyramid
- 15
- Teacher check
- Teacher check

Thursday

- 300 g
- 59
- £2.60
- cone
- 4 r 1
- 2
- Teacher check
- 42
- £12.00
- 999p
- rectangle
- 86
- 250 mL
- 400
-
- yes
- 36
- Teacher check
- 45
- 5

Friday test – page 97

- 210 g
- 18
- 6
- £5.00
- 10
- 4 r 1
- triangular prism
- 4
- 28
- false
- 400
- 24
- 6
- 750
- 299p
- no
- Teacher check
- 7
- 3
- Teacher check
- false
- £1.90
- 0.9
- Teacher check
-

WEEK 32 pages 64 – 65

Monday

- 150 g
- 27
- 2 r 2
- 71
- £2.95
- 5
-
- no
- 69
- 0.3
- 4
- 20
- sphere
- 25 May
-
- yes
- 0.8
- irregular
- 108
- true

Tuesday

- 40 kg
- 54
- 1 r 2
- 60
- yes
- £2.90
- £4.00
- Teacher check
- oval
- 42
- 3
- 0.2
- 36
- 0.9
- false
- Teacher check
- 35
- 499
- 3
- certain

Wednesday

- 300 kg
- 48
- sphere
- 74
- 30
- 2 r 1
- Thursday
- 6
- Thursday
- 7th, 14th, 21st, 28th
- £3.85
- 49
- yes

- 1
- 0.2
- 350
- 750p
- no
- yes
- Teacher check

Thursday

- 2 g
- 56
- 150
- 1 r 3
- £1.95
- Teacher check
- 75p
- 230
- 46
- 1300
- 1 in 5
- 2 in 5
- 2 in 5
- 75
- £2.00
- 63
- Teacher check
- true
- 9
- 0.8

Friday test – page 97

- 125 kg
-
- 2 r 2
- 28
- 37
- 999
- 4
- Yes
- 48
- anticlockwise
- 6 r 3
- 270
- 75
- sphere
- £1.95
- no
- 0.7
- true
- 40
- Teacher check
- 4
- 705p
- oval
- 5
- £1.00

WEEK 33 pages 66 – 67

Monday

- Teacher check
- 1 r 3
- no
- 3
- 80
- true
- 4
- 805p
- sphere
- Teacher check
- £7.00
- 0.9
- yes
- 15
- 4
- 3
- 28
-
- Teacher check
- 7 r 1

Tuesday

- Teacher check
- 1 r 3
- 4
- 5 r 1
- 4
- 900p
- sphere
- cylinder
- 17
- 8
- 48
- £12.00
- yes
- 20
- 12
- 5
- true
- 32
- 3
- 14

Wednesday

- Teacher check
- 1 r 3
- yes
- 700
- £1.00
- 8 r 1
- 2
- 25
-
- yes
- 210p
- ☐
- 1.6

U
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Z

Date: _____

Name: _____



Level AA

Very Easy

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



Your Score: _____

U
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Z

Date: _____

Name: _____



Level AA

Very Easy

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



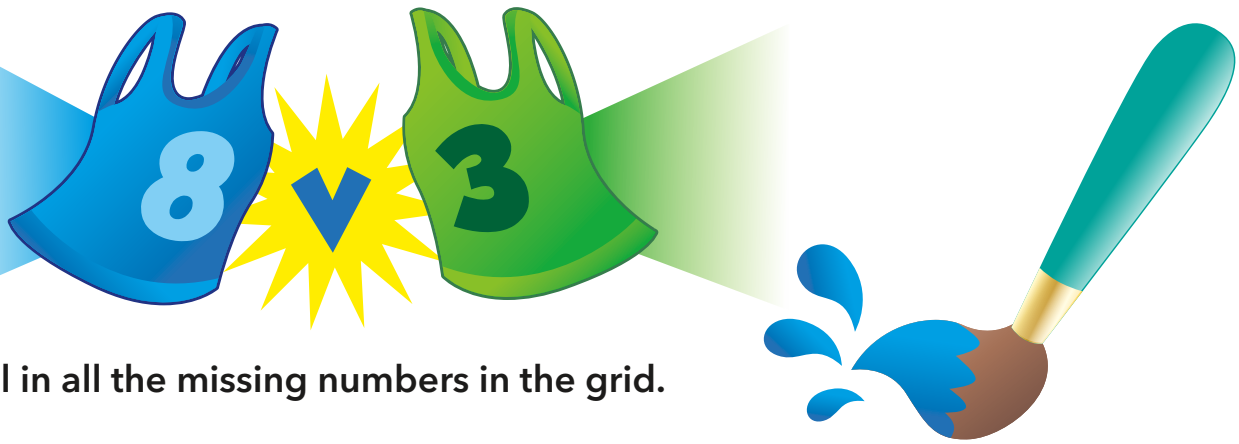
Your Score: _____

S
E
R
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E
S

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

A BATTLE BETWEEN ODD AND EVEN



1. Fill in all the missing numbers in the grid.
2. Shade all the **even** numbers below 20 in orange.
3. Shade all the **even** number from 20 to 50 in yellow and the remaining **even** numbers in pink.
4. Which numbers did you shade pink? _____
5. Put purple stripes on the **odd** numbers from 31 to 61.
6. From 63 to 79, mark the **odd** numbers with dark green stripes.
7. Which **odd** numbers have you not coloured? _____

	2								10
11						17			
			24				28		
		33						39	
	42						48		
61				65					
									80

ODDS MAKE IT COUNT

- 1 Complete each number tower with the next series of odd or even numbers.

33

35
37

46

79

68

101

47

112

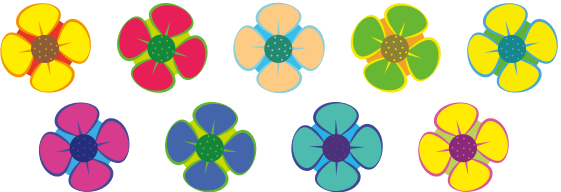
63

88

Content description: Investigate the conditions required for a number to be odd or even and identify odd and even numbers (ACMNA051)

COUNT AND DECIDE

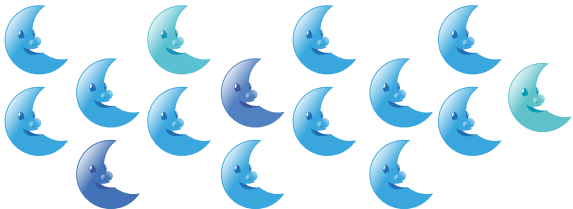
1 Write in the total for each box and circle **odd** or **even**.



Total _____ **odd** or **even**?



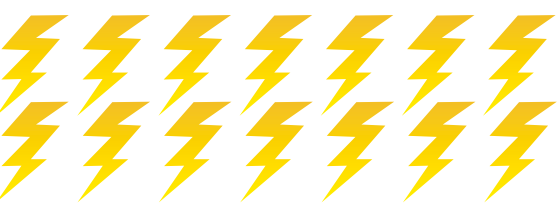
Total _____ **odd** or **even**?



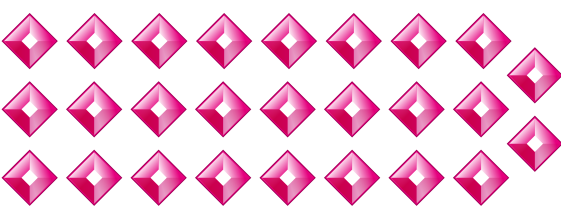
Total _____ **odd** or **even**?



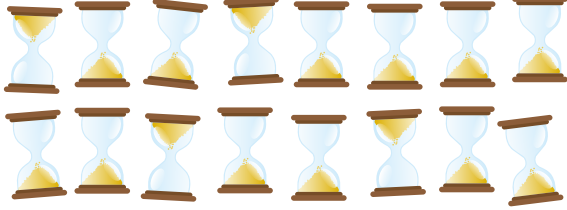
Total _____ **odd** or **even**?



Total _____ **odd** or **even**?



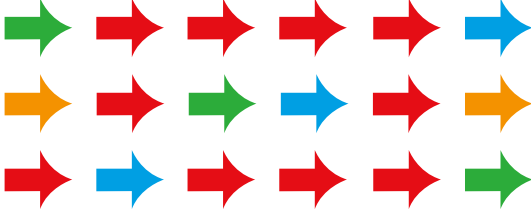
Total _____ **odd** or **even**?



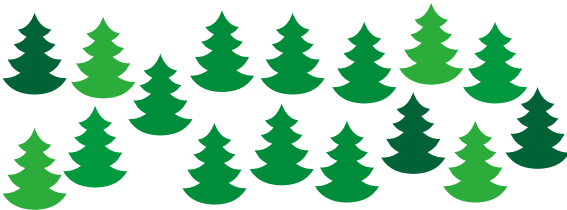
Total _____ **odd** or **even**?



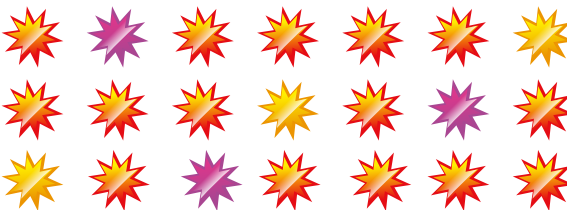
Total _____ **odd** or **even**?



Total _____ **odd** or **even**?



Total _____ **odd** or **even**?



Total _____ **odd** or **even**?

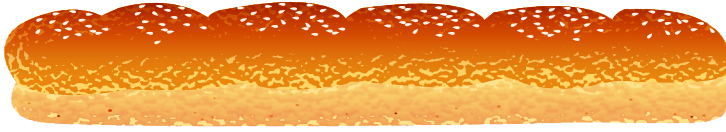


Total _____ **odd** or **even**?

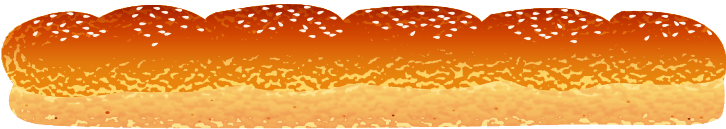
I JUST WANT MY FAIR SHARE!

1 Cut these bread rolls—without a ruler!

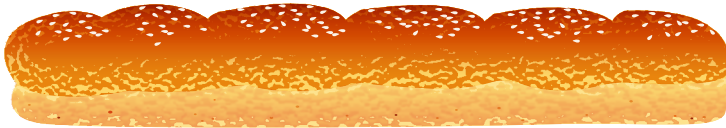
(a) Cut this roll in half.



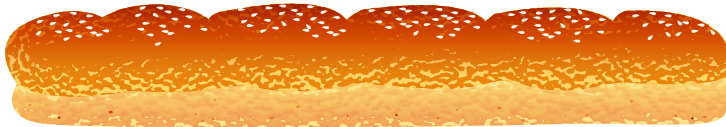
(b) Cut this roll into quarters.



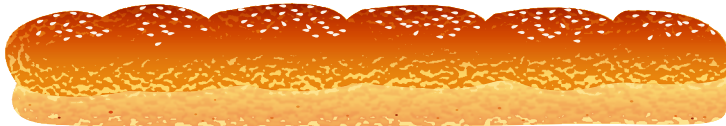
(c) Cut this roll into fifths.



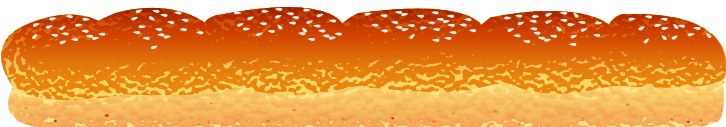
(d) Cut this roll into sixths.



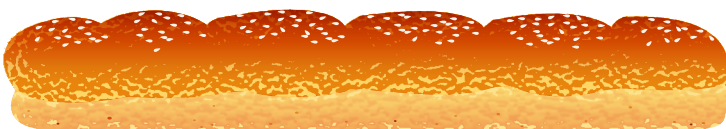
(e) Cut this roll into eighths.



(f) Cut this roll into tenths.

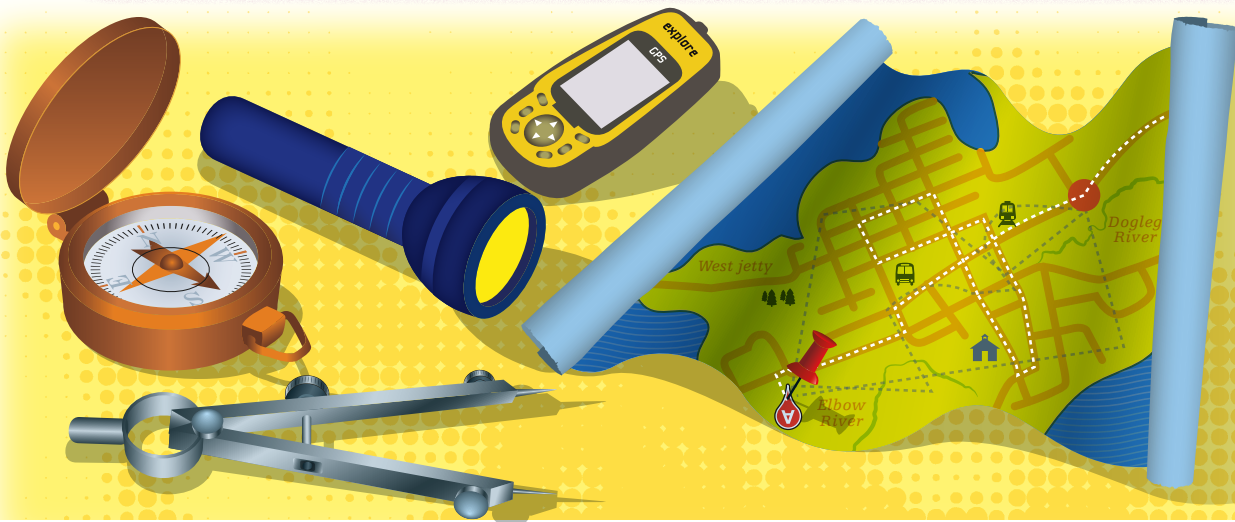
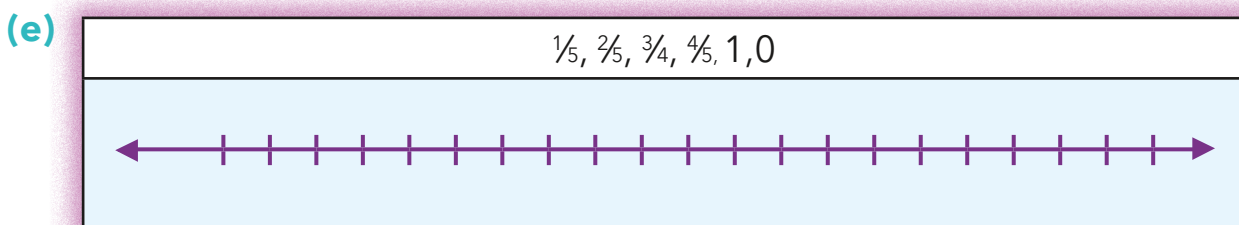
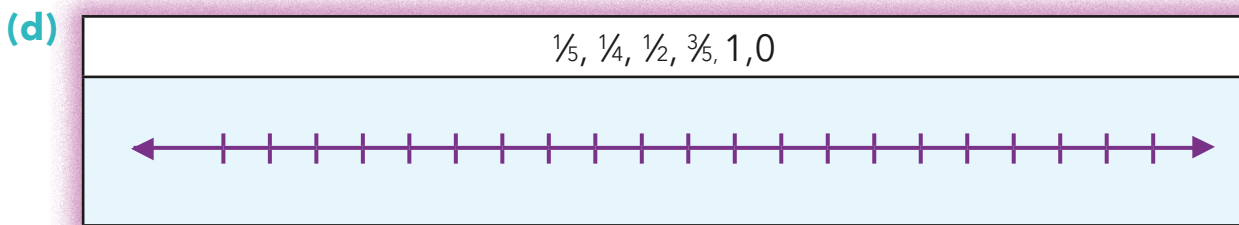
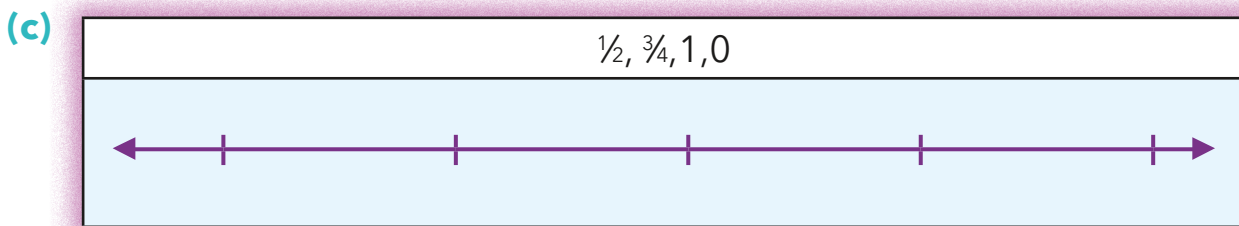
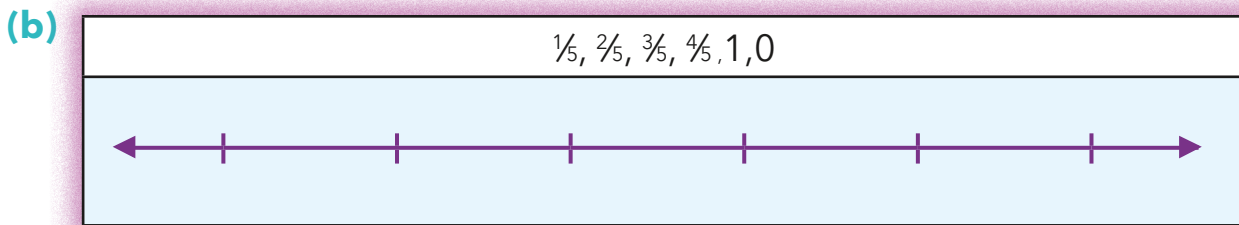
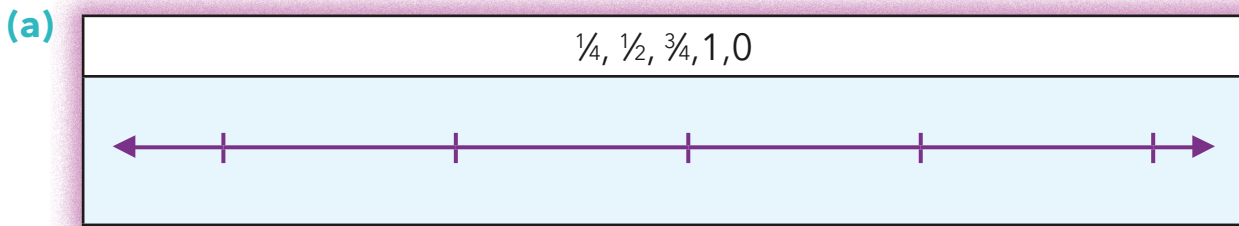


(g) Cut this roll into twelfths.



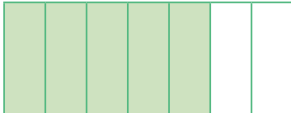
PLOT THESE FRACTIONS

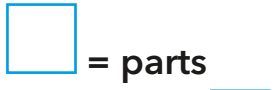
1 Look at the number lines below and plot the fractions and numbers.



WHAT FRACTION IS COLOURED HERE?

1 Fill in the number of parts coloured and write the fraction uncoloured.

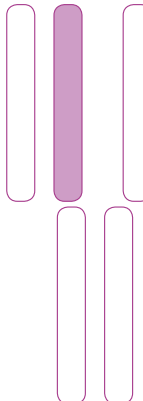
(a)  = parts
Fraction = $\frac{\square}{\square}$

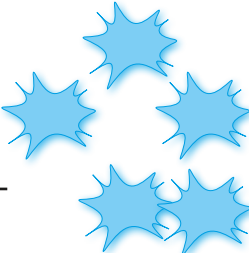
(b)  = parts
Fraction = $\frac{\square}{\square}$

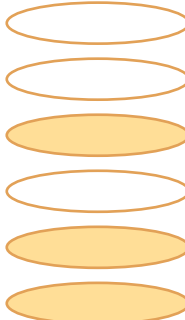
(c)  = parts
Fraction = $\frac{\square}{\square}$

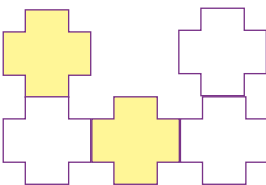
(d)  = parts
Fraction = $\frac{\square}{\square}$

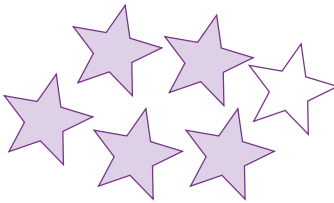
(e)  = parts
Fraction = $\frac{\square}{\square}$

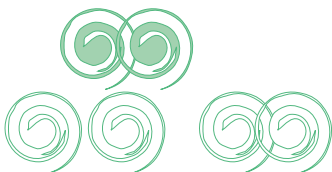
(f)  = parts
Fraction = $\frac{\square}{\square}$

(g)  = parts
Fraction = $\frac{\square}{\square}$

(h)  = parts
Fraction = $\frac{\square}{\square}$

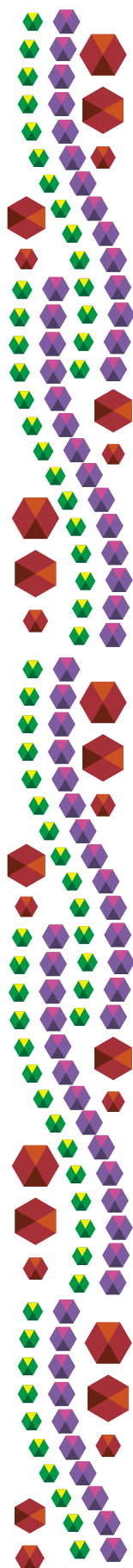
(i)  = parts
Fraction = $\frac{\square}{\square}$

(j)  = parts
Fraction = $\frac{\square}{\square}$

(k)  = parts
Fraction = $\frac{\square}{\square}$

HOLD THAT PATTERN

1 Describe what is happening in each pattern.



(a)

Position	1	2	3	4	5
Pattern	33	35	37	39	41

(b)

Position	1	2	3	4	5
Pattern	85	80	75	70	65

(c)

Position	1	2	3	4	5
Pattern	36	39	42	45	48

(d)

Position	1	2	3	4	5
Pattern	80	76	72	68	64



HOLD THAT PATTERN AGAIN!



1. Describe what is happening in each pattern and write the next 3 numbers.

(a)

Position	1	2	3	4	5	6	7	8
Pattern	61	66	65	70	69			

(b)

Position	1	2	3	4	5	6	7	8
Pattern	17	20	24	27	31			

(c)

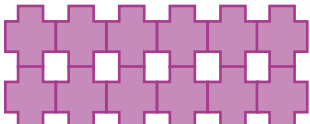
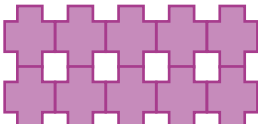
Position	1	2	3	4	5	6	7	8
Pattern	21	26	36	41	51			

(d)

Position	1	2	3	4	5	6	7	8
Pattern	78	84	81	87	84			

SHAPES THAT BUILD OR SHRINK

1 Look at the first two patterns in each line and complete the third box.

(a)			
(b)			
(c)			
(d)			
(e)			
(g)			
(h)			

PLACE VALUE

NUMBER

TEACHER INFORMATION

Objectives

Identifies and represents the same number in different forms.

Recognises and demonstrates place value.

Concepts required

Place value to thousands

Expanded notation

Answers

1. (a) 97 (b) 209 (c) 547
(d) 9358 (e) 6060 (f) 1001
2. (a) $400 + 70 + 5$
(b) $1000 + 300 + 80 + 4$
(c) $6000 + 500 + 90 + 9$
(d) $3000 + 600 + 40 + 2$
(e) $2000 + 400 + 50 + 9$
3. (a) ones, 5×1 , 5
(b) tens, 2×10 , 20
(c) hundreds, 3×100 , 300
(d) tens, 9×10 , 90
(e) ones, 5×1 , 5
(f) thousands, 7×1000 , 7000
(g) hundreds, 8×100 , 800
4. (a) 207
(b) 9
(c) 400
(d) 3500
(e) 4000

PLACE VALUE

NUMBER

1. Write each amount as numerals; e.g. 4 hundreds + 2 tens = 420.

(a) 9 tens + 7 ones =

(b) 2 hundreds + 9 ones =

(c) 5 hundreds + 4 tens
+ 7 ones =

(d) 9 thousands + 3 hundreds +
5 tens + 8 ones =

(e) 6 thousands + 6 tens =

(f) 1 thousand + 1 one =

2. Write the numbers in expanded form; e.g. 423 = (400) + (20) + (3).

(a) 475 _____ + _____ + _____

(b) 1384 _____ + _____ + _____ + _____

(c) 6599 _____ + _____ + _____ + _____

(d) 3642 _____ + _____ + _____ + _____

(e) 2459 _____ + _____ + _____ + _____

3. Complete the table.

	Number	Place value	Expanded form	Meaning
	42	tens	4 x 10	40
(a)	75			
(b)	126			
(c)	304			
(d)	2493			
(e)	5005			
(f)	7224			
(g)	4811			

4. Write the missing number.

(a) $200 + 7 =$

(b) $70 +$ $= 79$

(c) $+ 30 + 2 = 432$

(d) $3000 + 500 =$

(e) $+ 8 = 4008$



PUPIL NAME

TEACHER INFORMATION

Objectives

Uses grid references to locate or draw objects.
Uses compass points for location and direction.

Concepts required

Coordinates
Compass directions
Identification of countries of the British Isles

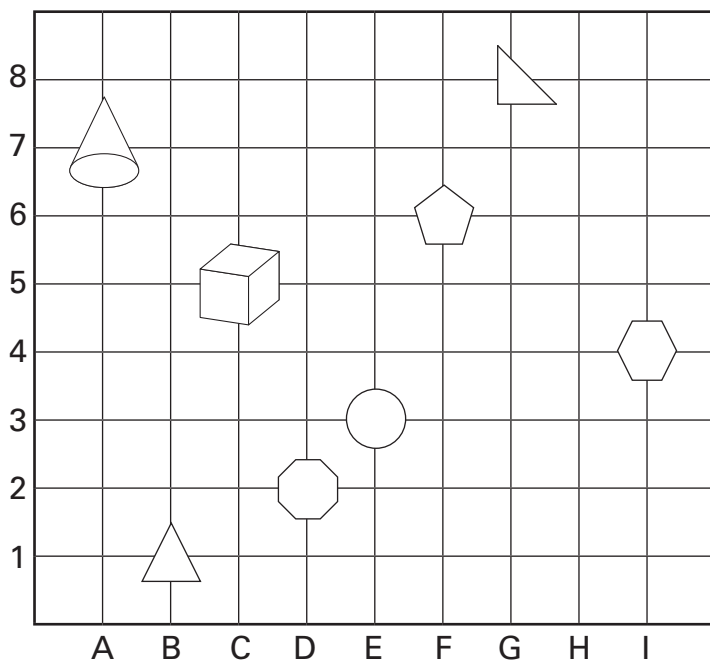
Answers

- | | | |
|-------------------|-------------|----------------------|
| 1. (a) triangle | (b) A7 | (c) Teacher check |
| (d) cube | (e) F6 | (f) Teacher check |
| (g) Teacher check | (h) D2 | |
| 2. (a) Scotland | (b) east | (c) Northern Ireland |
| (d) west | (e) England | (f) Teacher check |

MAPS AND GRIDS

SHAPE

1. Use the grid to answer the questions.



(a) What will you find at B1?

(b) Where is the cone?

(c) Draw a square at D8.

(d) What will you find at C5?

(e) Where is the pentagon?

(f) Draw a rectangle at G5.

(g) Draw an oval at H2.

(h) Where is the octagon?

2. Use the map of the British Isles and compass to answer the questions.

(a) Circle the name of the country that is the furthest north.

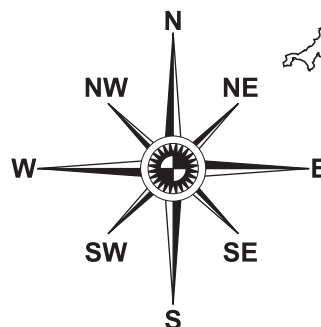
(b) Wales is _____ of the Republic of Ireland.

(c) Which country is directly north of the Republic of Ireland?

(d) Describe the location of Ireland.

(e) Which country is located the furthest east?

(f) Draw a ship in the north-west and a dolphin in the north-east.



PUPIL NAME