MATHEMATICS

Year 4/Primary 5

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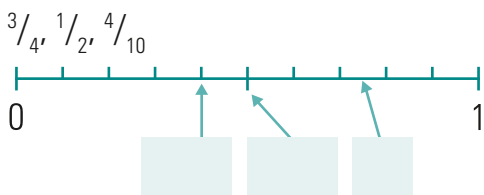
PARENT PACK

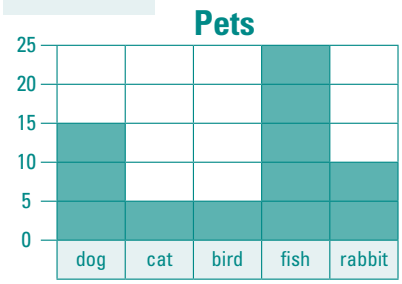
MONDAY

1. 15 g – 12 g = ____ g
2. 20 – 5 = ____
3. £1.00 – 45p = ____
4. 7 ÷ 2 = ____ r ____
5. What is the chance of it raining today?
   ☐ *impossible* ☐ *not sure* ☐ *possible*
   ☐ *might* ☐ *certain*
6. 5 x 4 = (3 x 4) + (____ x 4)
7. 2 3
   x 2
   ____
8. $^{1}/_{10}$ = 0.1 ☐ *true* ☐ *false*
9. 4)20 ____
10. 70 + 30 = ____
11. 500 mL add 250 mL = ____ mL
12. $\frac{1}{2}$ = $\frac{3}{4}$ ☐ *true* ☐ *false*
13. £2.50 = ____ p
14. Will a cube stack? ____
15. Which shape are the faces of a cube?
    ____
16. 8 x 9 = ____
17. Tick the right angle.
18. Circle the largest. **0.4 0.2 0.7**
19. A ⇨ ____
    Draw $^{1}/_{4}$ turn left.
20. Write these fractions on the number line.
    $^{3}/_{4}$, $^{1}/_{2}$, $^{4}/_{10}$



TUESDAY

1. 20 g – 5 g = ____ g
2. 5 ÷ 2 = ____ r ____
3. 30 – 15 = ____
4. Cost of buying 1 m of elastic at 40p per 50 cm? ____
5. £1.00 – 61p = ____
6. What 2 shapes make a square pyramid?
   ____ and ____
7. Is this an irregular shape? ____
8. Has the shape got parallel lines? ____
9. 5)35 = ____
10. $^{5}/_{10}$ = 0.5, 5, 50? ____
11. 4 1
    x 2
    ____
12. 250 mL + 250 mL = ____ mL
13. $\frac{1}{4}$ = $\frac{4}{8}$ ☐ *true* ☐ *false*
14. 14 – 7 = ____
15. 380 + 120 = ____
16. Which pet was the most popular?
    ____



17. Which pet was there 10 of? ____
18. Which pets were the least popular?
    ____ and ____
19. How many dogs and rabbits? ____
20. How many animals altogether? ____

WEDNESDAY

1. 220 g – 20 g = ____ g
2. 7 ÷ 3 = ____ r ____
3. 14 + 18 = ____
4. Tick the right angles.
5. 7)28 = ____
6. Edges on a cube? ____
7. Circle the smallest.
   0.3 0.6 0.2
8. 13
   x 2
   ____
9. 250 mL + 250 mL + 250 mL = ____ mL
10. 23 – 8 = ____
11. £3.25 = ____ p
12. Draw a vertical line.
13. Shaded area
    = ____ squares
14. 3 x 4 = (1 x 4) + (____ x 4)
15. $^{2}/_{10}$ = 0.2 ☐ *true* ☐ *false*
16. Will a cone roll? ____
17. What shape?
    ____
18. 40 – 25 = ____
19. Draw an arrow going anticlockwise.
20. What is the chance of you wearing a pair of shoes to school?
    ☐ *impossible* ☐ *not sure* ☐ *possible*
    ☐ *might* ☐ *certain*

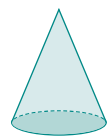
THURSDAY

1. 800 g – 500 g = ____ g
2. 67 – 8 = ____
3. £5.00 – £2.40 = ____
4. Name this shape.
   ____
5. 9 ÷ 2 = ____ r ____
6. 6 x 5 = (4 x 5) + (____ x 5)
7. Write these fractions on the number line. $^{6}/_{10}$, $^{2}/_{8}$, $^{3}/_{4}$
   0 1
   ____ ____ ____
8. 6 x 7 = ____
9. Cost of buying 3 m of skipping rope at £2.00 per 50 cm?
   £ ____
10. £9.99 = ____ p
11. Which shape are the faces of a cuboid?
    ____
12. 43
    x 2
    ____
13. 500 mL – 250 mL = ____ mL
14. 900 – 500 = ____
15. Draw the line of symmetry.
16. Has the arrow above got parallel lines? ____
17. 17 + 19 = ____
18. Tick the right angle.
19. 5 x 9 = ____
20. 9)45 = ____

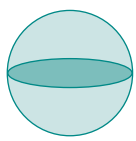
MONDAY

1. 400 g add 250 g = ____ g
2. 3 x 9 = ____
3. 8 ÷ 3 = ____ r ____
4. 81 – 10 = ____
5. £3.75 – 80p = ____
6. 8 x 5 = (3 x 5) + (____ x 5)
7. Draw a reflection.

8. Does a cone have right angles? ____

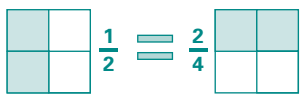


9. 2 3
   x 3
   ____
10. Circle the smallest.
    0.3 0.8 0.6
11. 1 litre add 3 litres = ____ litres
12. 4 x 5 = ____
13. Name this shape. ____



14. Date a week from 18 May? ____
15. Draw $^1/_4$ turn clockwise.

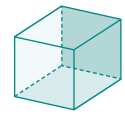
16. Has the H got parallel lines? ____
17. $^8/_{10}$ = 0.1, 0.8 or 8? ____
18. An irregular or regular hexagon? ____

19. 12 x 9 = ____
20. 

    ☐ *true* ☐ *false*

TUESDAY

1. 15 kg add 25 kg = ____ kg
2. 6 x 9 = ____
3. 6 ÷ 4 = ____ r ____
4. 15 + 45 = ____



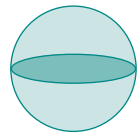
5. Does a cube have right angles? ____
6. £3.50 – 60p = ____
7. Cost of 4 kg flour at 50p per 500 g? ____
8. Draw a pair of parallel lines. ____
9. Name this 2-D shape. ____

10. Difference between 50 and 8 = ____
11. 4 x 6 = (1 x 6) + (____ x 6)
12. Write zero point two as a numeral. ____
13. 1 2
    x 3
    ____
14. 0.6, 0.7, 0.8, ____
15. $^3/_{10}$ = 0.5 ☐ *true* ☐ *false*
16. Write these fractions on the number line.

17. 15 litres add 20 litres = ____ litres
18. Write the number before 500. ____
19. 12 – 9 = ____
20. What is the chance of getting rotten teeth if you do not brush them?
    ☐ *impossible* ☐ *not sure* ☐ *possible*
    ☐ *might* ☐ *certain*

WEDNESDAY

1. 500 kg – 200 kg = _____ kg
2. 8 x 6 = _____
3. Name this 3-D shape. _____

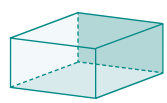


4. Double 37. _____
5. 13 + 17 = _____
6. 9 ÷ 4 = _____ r _____

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. _____, _____, _____ and _____
11. £4.20 – 35p = _____
12. 1, 4, 9, 16, 25, 36, _____
13. Does a cuboid have right angles? _____
14. 3 x 8 = (2 x 8) + (_____ x 8)

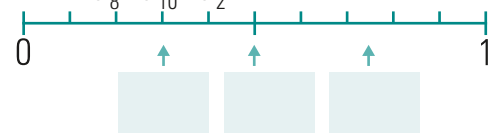


15. Circle the smallest.
    0.5 0.9 0.2
16. 200 litres add 150 litres = _____ litres
17. £7.50 = _____ p
18. Can this tessellate? _____

19. Has the arrow above got horizontal lines? _____
20. Write a symmetrical number. _____

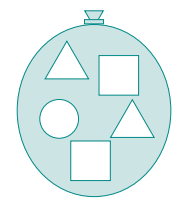
THURSDAY

1. 20 g subtract 18 g = _____ g
2. 7 x 8 = _____
3. Round 148 (nearest 10). _____
4. 8 ÷ 5 = _____ r _____
5. £2.30 – 35p = _____
6. Write these fractions on the number line. $^{6}/_{8}$, $^{3}/_{10}$, $^{1}/_{2}$



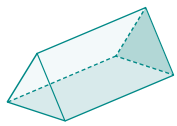
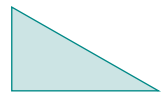
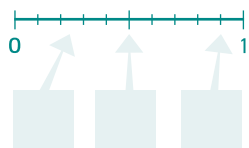
7. £1.00 – 25p = _____
8. 500 – 270 = _____
9. Halve 92. _____
10. 600 + 700 = _____

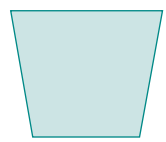
The chance of choosing the following shapes from the bag is:



11. Circle = _____ in 5.
12. Square = _____ in 5.
13. Triangle = _____ in 5.
14. 50 litres add 25 litres = _____ litres
15. What is the cost of 5 kg of watermelon at 20p per 500 g? _____
16. 2 1
    x 3
    _____
17. What is the chance of getting sunburnt in summer?
    ☐ *impossible* ☐ *not sure* ☐ *possible*
    ☐ *might* ☐ *certain*
18. $^{4}/_{10}$ = 0.4 ☐ *true* ☐ *false*
19. 17 – 8 = _____
20. 0.2, 0.4, 0.6, _____

FRIDAY TEST *Week 31*

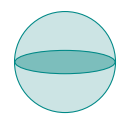
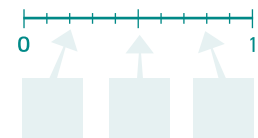
1. 240 g – 30 g = ____ g
2. 3 x 6 = ____
3. 15 – 9 = ____
4. Cost of 5 m of rope at 10p per 10 cm
   = £ ____
5. In 34.5, what is the place value of the 3?
   ____
6. 9 ÷ 2 = ____ r ____
7. 
   Name this 3-D shape.
   ____
8. 6 x 4 =
   (2 x 4) + (____ x 4)
9. 14
   x 2
   ____
10. $^{1}/_{10}$ = 0.5
    ☐ *true* ☐ *false*
11. 280 + 120 = ____
12. 3 x 8 = ____
13. 4 ⟌ 24 = ____
14. 500 mL add 250 mL = ____ mL
15. £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. $^{1}/_{4}$ = $^{4}/_{8}$
    ☐ *true* ☐ *false*
22. £3.00 – £1.10 =
    ____
23. Tick the largest.
    ☐ *0.1* ☐ *0.9* ☐ *0.3*
24. Write the fractions on the number line.
    $^{1}/_{4}$, $^{9}/_{10}$, $^{4}/_{8}$
    

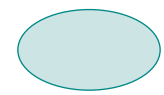
25. Draw a line of symmetry.
    

FRIDAY TEST *Week 32*

1. 50 kg add 75 kg = ____ kg
2. Draw a reflection.

3. 8 ÷ 3 = ____ r ____
4. 7 x 4 = ____
5. 27 + 10 = ____
6. Write nine hundred and ninety-nine as a numeral.
   ____
7. 9 x 5 =
   (5 x 5) + (____ x 5)
8. Does a cube have right angles?
   ____
9. 12
   x 4
   ____
10.

    This shape has been turned $^{1}/_{4}$
    ☐ *clockwise.*
    ☐ *anticlockwise.*
11. 45 ÷ 7 = ____ r ____
12. 240 + 30 = ____
13. 100, 95, 90, 85, 80,
    ____
14. 
    Name this shape.
    ____
15. £2.55 – 60p = ____
16. Can this tessellate?
    ____
17. Circle the largest.
    0.4 0.7 0.3
18. $^{3}/_{10}$ = 0.3
    ☐ *true* ☐ *false*
19. 15 litres + 25 litres = ____ litres
20. Write the fractions on the number line.
    $^{1}/_{2}$, $^{6}/_{8}$, $^{2}/_{10}$
    

21. 13 – 9 = ____
22. £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

1. 3 g
2. 15
3. 55p
4. 3 r 1
5. Teacher check
6. 2
7. 46
8. true
9. 5
10. 100
11. 750 ml
12. false
13. 250p
14. yes
15. square
16. 72
17. Teacher check
18. 0.7
19.
20. Teacher check

Tuesday

1. 15 g
2. 2 r 1
3. 15
4. 80p
5. 39p
6. square and triangle
7. yes
8. no
9. 7
10. 0.5
11. 82
12. 500 mL
13. false
14. 7
15. 500
16. fish
17. rabbit
18. cat, bird
19. 25
20. 60

Wednesday

1. 200 g
2. 2 r 1
3. 32
4. Teacher check
5. 4
6. 12
7. 0.2
8. 26
9. 750 mL
10. 15
11. 325p
12. Teacher check
13. 12
14. 2
15. true
16. yes
17. square pyramid
18. 15
19. Teacher check
20. Teacher check

Thursday

1. 300 g
2. 59
3. £2.60
4. cone
5. 4 r 1
6. 2
7. Teacher check
8. 42
9. £12.00
10. 999p
11. rectangle
12. 86
13. 250 mL
14. 400
15.
16. yes
17. 36
18. Teacher check
19. 45
20. 5

Friday test – page 97

1. 210 g
2. 18
3. 6
4. £5.00
5. 10
6. 4 r 1
7. triangular prism
8. 4
9. 28
10. false
11. 400
12. 24
13. 6
14. 750
15. 299p
16. no
17. Teacher check
18. 7
19. 3
20. Teacher check
21. false
22. £1.90
23. 0.9
24. Teacher check
25.

WEEK 32 pages 64 – 65

Monday

1. 150 g
2. 27
3. 2 r 2
4. 71
5. £2.95
6. 5
7.
8. no
9. 69
10. 0.3
11. 4
12. 20
13. sphere
14. 25 May
15.
16. yes
17. 0.8
18. irregular
19. 108
20. true

Tuesday

1. 40 kg
2. 54
3. 1 r 2
4. 60
5. yes
6. £2.90
7. £4.00
8. Teacher check
9. oval
10. 42
11. 3
12. 0.2
13. 36
14. 0.9
15. false
16. Teacher check
17. 35
18. 499
19. 3
20. certain

Wednesday

1. 300 kg
2. 48
3. sphere
4. 74
5. 30
6. 2 r 1
7. Thursday
8. 6
9. Thursday
10. 7th, 14th, 21st, 28th
11. £3.85
12. 49
13. yes
14. 1
15. 0.2
16. 350
17. 750p
18. no
19. yes
20. Teacher check

Thursday

1. 2 g
2. 56
3. 150
4. 1 r 3
5. £1.95
6. Teacher check
7. 75p
8. 230
9. 46
10. 1300
11. 1 in 5
12. 2 in 5
13. 2 in 5
14. 75
15. £2.00
16. 63
17. Teacher check
18. true
19. 9
20. 0.8

Friday test – page 97

1. 125 kg
2.
3. 2 r 2
4. 28
5. 37
6. 999
7. 4
8. Yes
9. 48
10. anticlockwise
11. 6 r 3
12. 270
13. 75
14. sphere
15. £1.95
16. no
17. 0.7
18. true
19. 40
20. Teacher check
21. 4
22. 705p
23. oval
24. 5
25. £1.00

WEEK 33 pages 66 – 67

Monday

1. Teacher check
2. 1 r 3
3. no
4. 3
5. 80
6. true
7. 4
8. 805p
9. sphere
10. Teacher check
11. £7.00
12. 0.9
13. yes
14. 15
15. 4
16. 3
17. 28
18.
19. Teacher check
20. 7 r 1

Tuesday

1. Teacher check
2. 1 r 3
3. 4
4. 5 r 1
5. 4
6. 900p
7. sphere
8. cylinder
9. 17
10. 8
11. 48
12. £12.00
13. yes
14. 20
15. 12
16. 5
17. true
18. 32
19. 3
20. 14

Wednesday

1. Teacher check
2. 1 r 3
3. yes
4. 700
5. £1.00
6. 8 r 1
7. 2
8. 25
9.
10. yes
11. 210p
12.
13. 1.6

CHALLENGER SERIES

Date: _____

Name: _____

Level AA — Very Easy

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

Your Score: _____

CHALLENGER SERIES

Date: _____

Name: _____

Level AA — Very Easy

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

Your Score: _____

TIMES TABLE CHALLENGE - Prim-Ed Publishing - 21

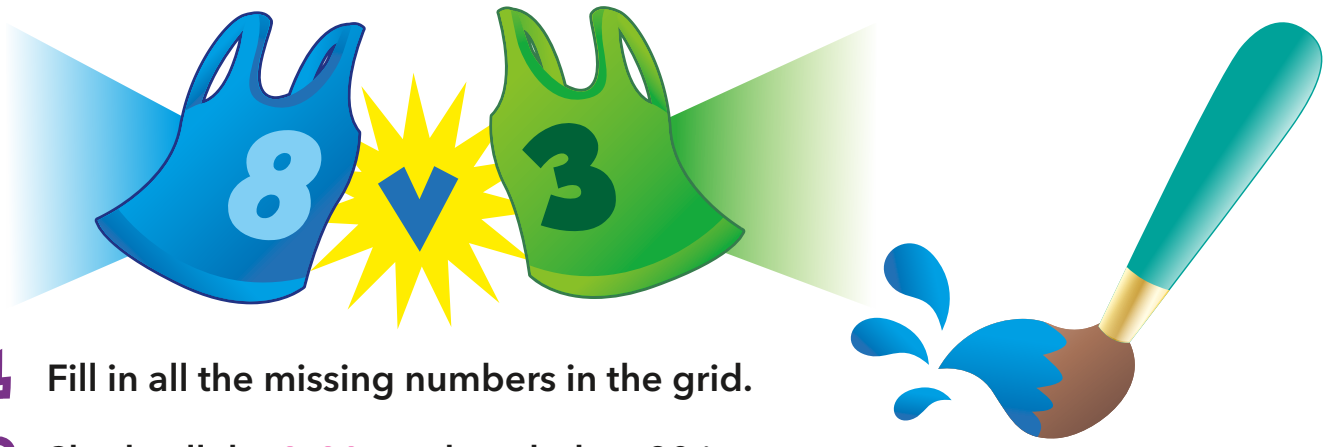
TIMES TABLE

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

CHALLENGE

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

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

ODDS MAKE IT COUNT

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

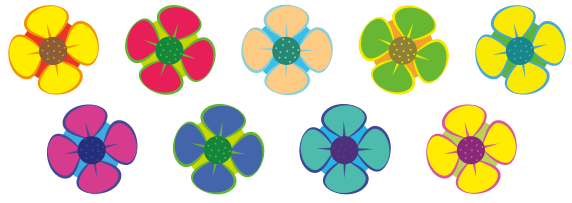
33	46	79	68	101
35				
37				

47	112	63	88

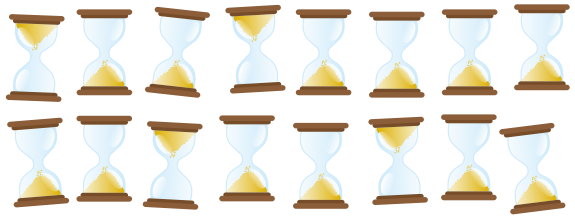
Content description: Investigate the conditions required for a number to be odd or even and identify odd and even numbers (ACMNA051)

COUNT AND DECIDE

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



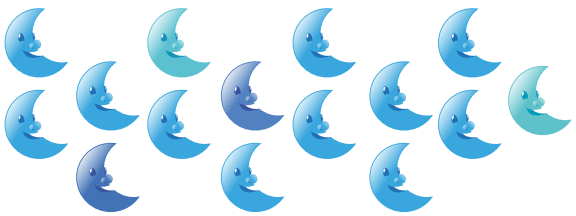
Total _____ **odd** or **even**?



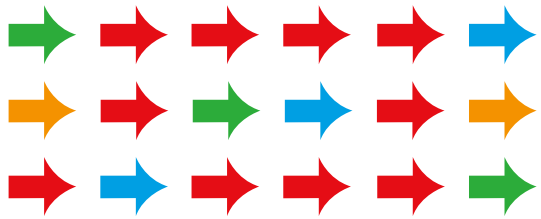
Total _____ **odd** or **even**?

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

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

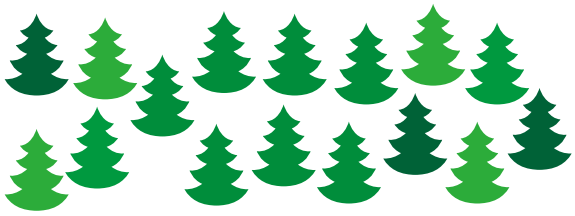


Total _____ **odd** or **even**?

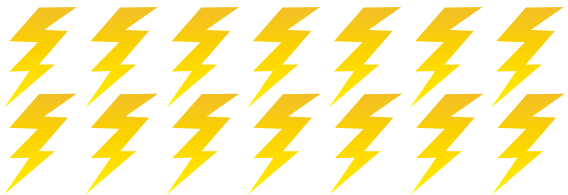


Total _____ **odd** or **even**?

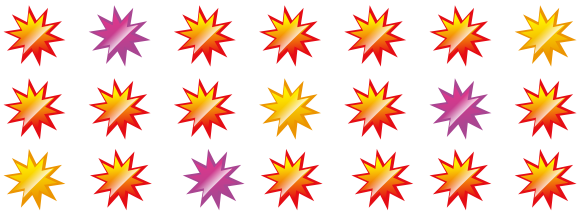
Total _____ **odd** or **even**?



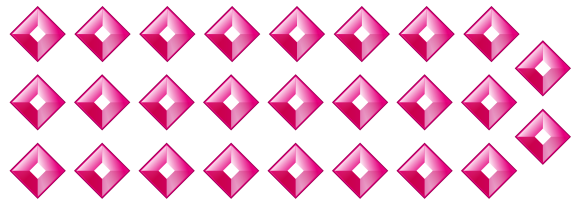
Total _____ **odd** or **even**?



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



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



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

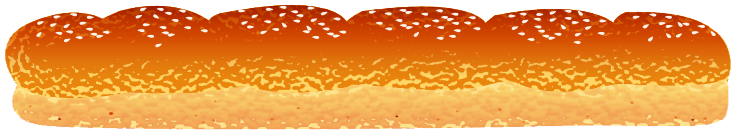
Total _____ **odd** or **even**?

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

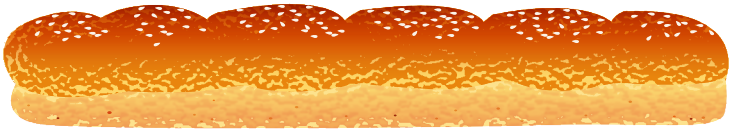
I JUST WANT MY FAIR SHARE!

1 **Cut these bread rolls—without a ruler!**

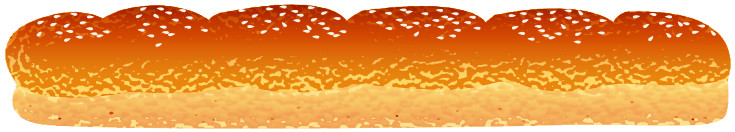
(a) Cut this roll in half.



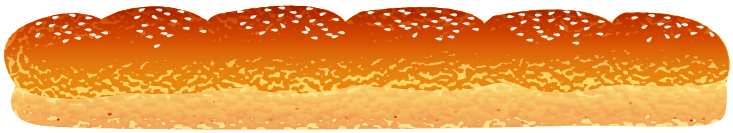
(b) Cut this roll into quarters.



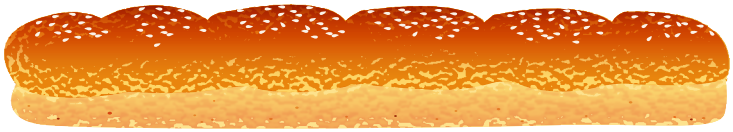
(c) Cut this roll into fi ths.



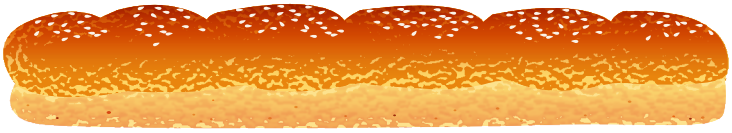
(d) Cut this roll into sixths.



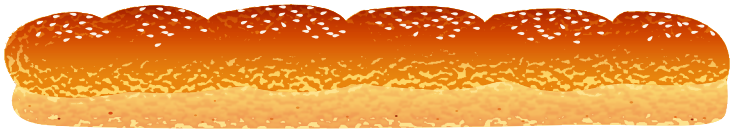
(e) Cut this roll into eighths.



(f) Cut this roll into tenths.



(g) Cut this roll into twelfths.

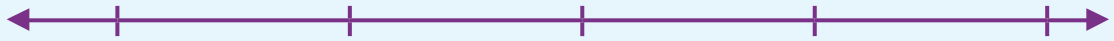


Content description: Model and represent unit fractions including 1/2, 1/4, 1/3, 1/5 and their multiples to a complete whole (ACMNA058) AC

PLOT THESE FRACTIONS

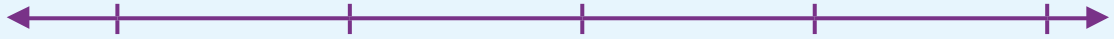
1. Look at the number lines below and plot the fractions and numbers.

(a) $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 0



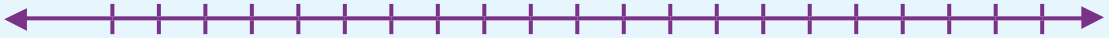
(b) $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$, 1, 0

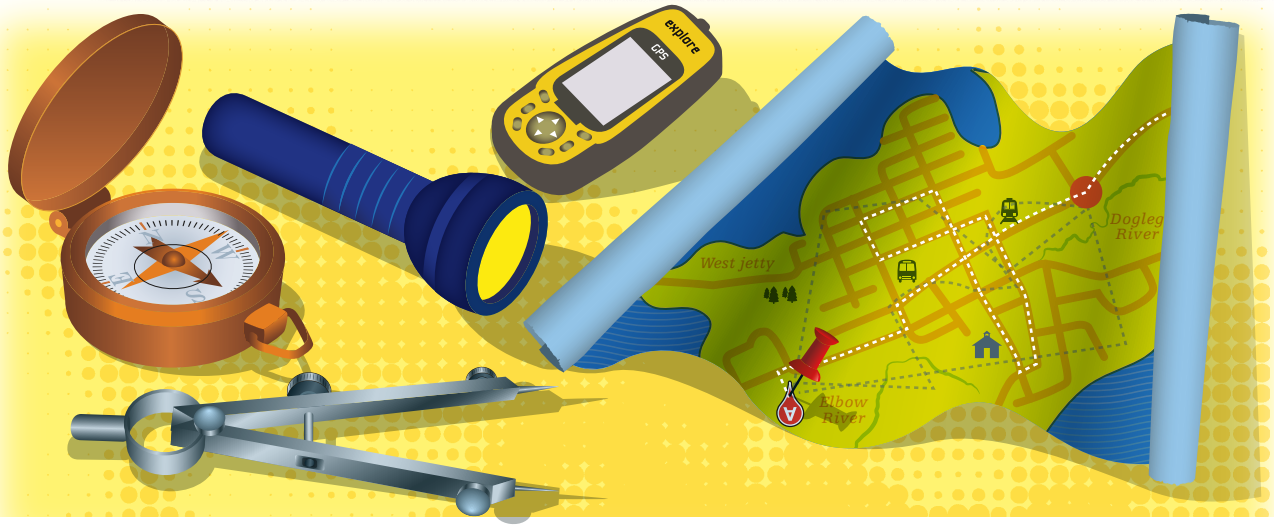
(c) $\frac{1}{2}$, $\frac{3}{4}$, 1, 0



(d) $\frac{1}{5}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{5}$, 1, 0

(e) $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{4}$, $\frac{4}{5}$, 1, 0

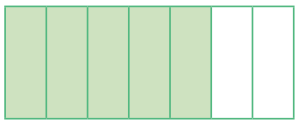




Content description: Model and represent unit fractions including $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{5}$ and their multiples to a complete whole (ACMNA058)

WHAT FRACTION IS COLOURED HERE?

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

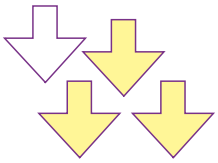


(a) ☐ = parts

Fraction = ☐/☐

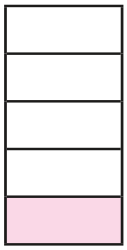
(b) ☐ = parts

Fraction = ☐/☐



(c) ☐ = parts

Fraction = ☐/☐

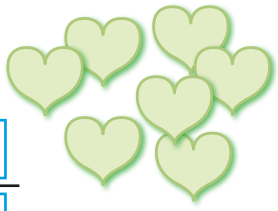


(d) ☐ = parts

Fraction = ☐/☐

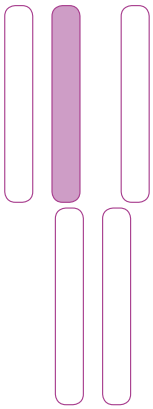
(e) ☐ = parts

Fraction = ☐/☐



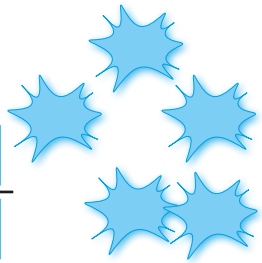
(f) ☐ = parts

Fraction = ☐/☐



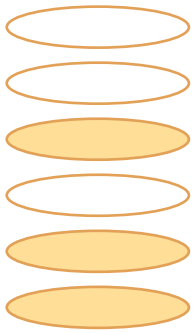
(g) ☐ = parts

Fraction = ☐/☐



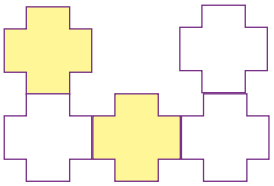
(h) ☐ = parts

Fraction = ☐/☐



(i) ☐ = parts

Fraction = ☐/☐

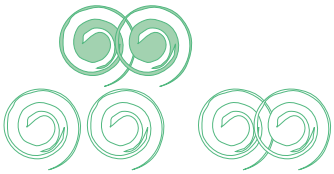


(j) ☐ = parts

Fraction = ☐/☐

(k) ☐ = parts

Fraction = ☐/☐



Content description: Model and represent unit fractions including ½, ¼, ⅓, ⅕ and their multiples to a complete whole (ACMNA058) AC

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

Content description: Describe, continue, and create number patterns resulting from performing addition or subtraction (ACMNA060)

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			

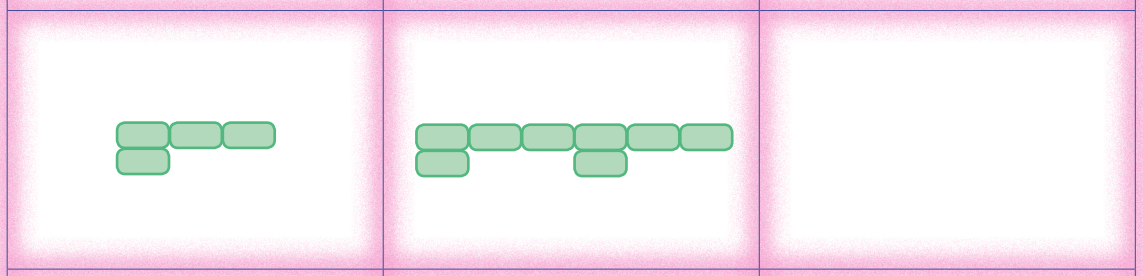
Content description: Describe, continue, and create number patterns resulting from performing addition or subtraction (ACMNA060)

SHAPES THAT BUILD OR SHRINK

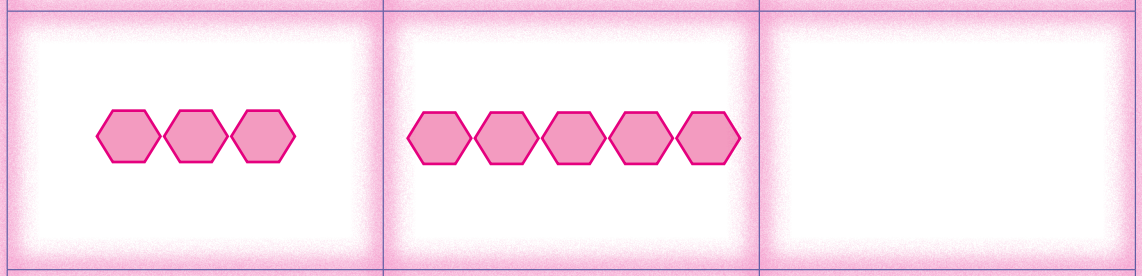
1. Look at the first two patterns in each line and complete the third box.

(a)

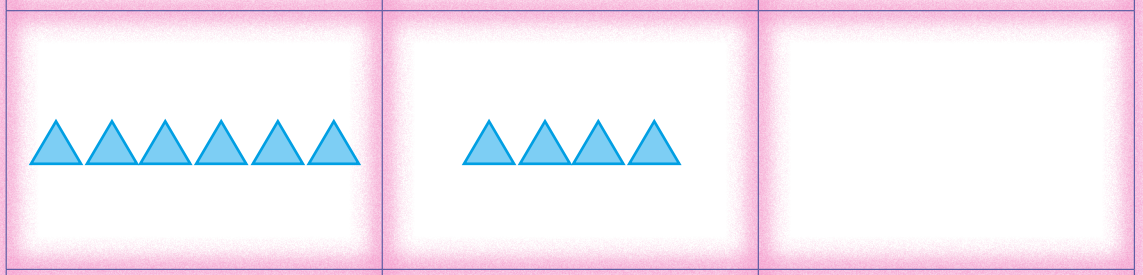
(b)



(c)



(d)



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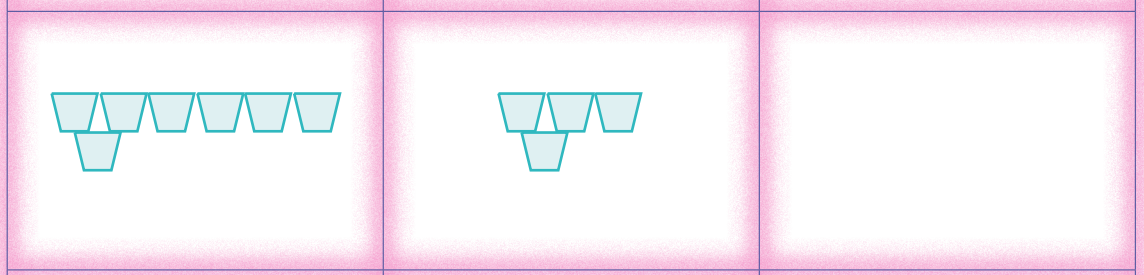

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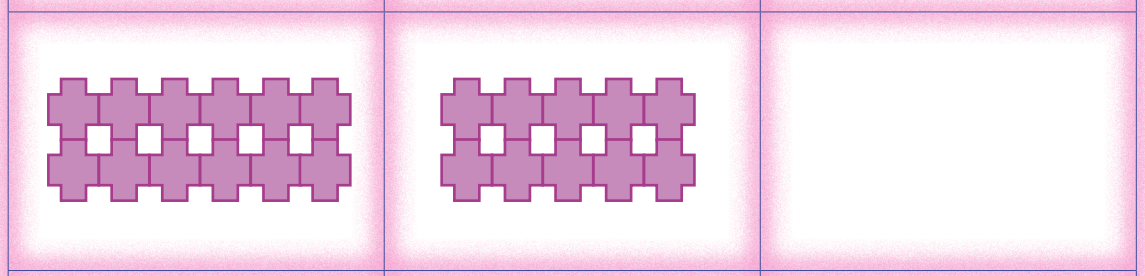

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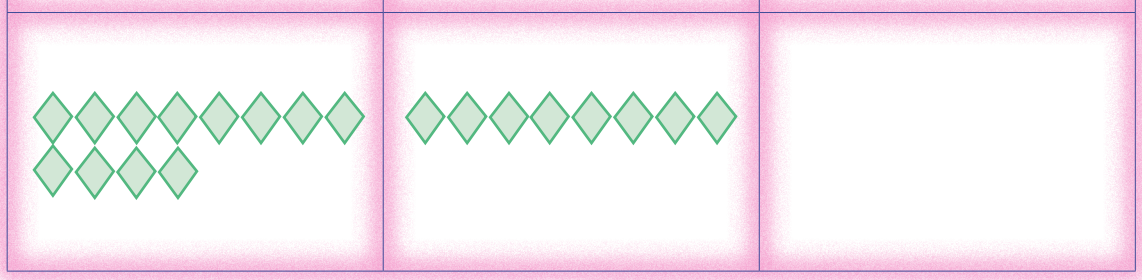


Content description: Describe, continue, and create number patterns resulting from performing addition or subtraction (ACMNA060)

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 x 1, 5
   (b) tens, 2 x 10, 20
   (c) hundreds, 3 x 100, 300
   (d) tens, 9 x 10, 90
   (e) ones, 5 x 1, 5
   (f) thousands, 7 x 1000, 7000
   (g) hundreds, 8 x 100, 800

4. (a) 207
   (b) 9
   (c) 400
   (d) 3500
   (e) 4000

PLACE VALUE

NUMBER

PUPIL NAME .....

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)	7**5**			
(b)	1**2**6			
(c)	**3**04			
(d)	24**9**3			
(e)	500**5**			
(f)	**7**224			
(g)	4**8**11			

4. Write the missing number.

(a) 200 + 7 = ☐

(b) 70 + ☐ = 79

(c) ☐ + 30 + 2 = 432

(d) 3000 + 500 = ☐

(e) ☐ + 8 = 4008

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

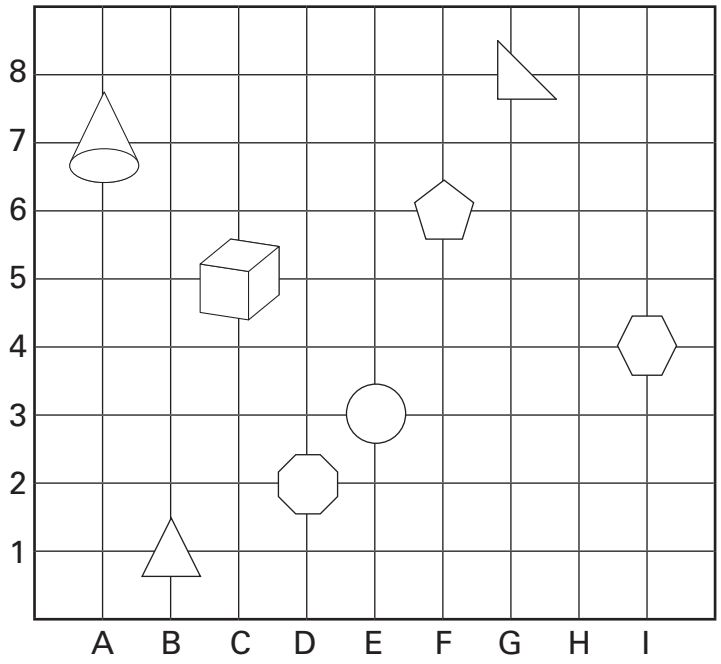
1. (a) triangle (b) A7 (c) Teacher check
   (d) cube (e) F6 (f) Teacher check
   (g) Teacher check (h) D2
2. (a) Scotland (b) east (c) Northern Ireland
   (d) west (e) England (f) Teacher check

MAPS AND GRIDS

SHAPE

PUPIL NAME .....

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.

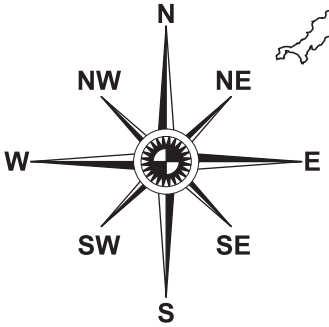
(c) Which country is directly north of the Republic of Ireland?

_____

(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.