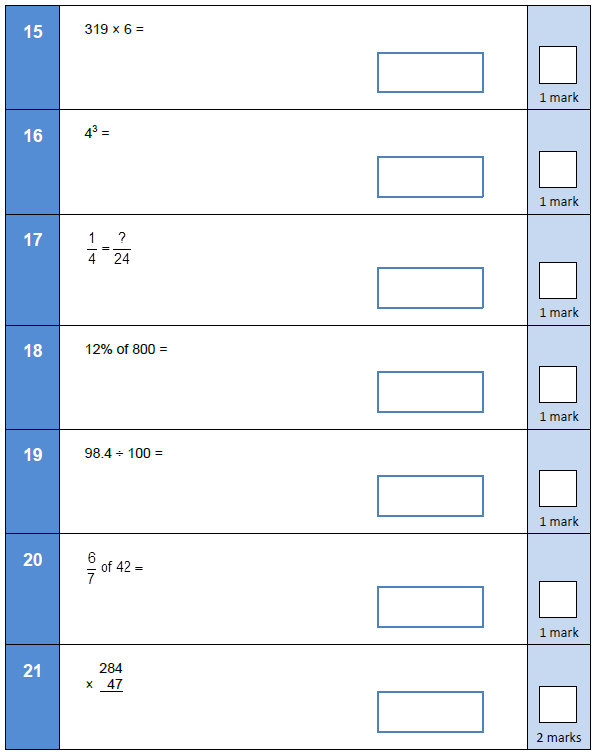
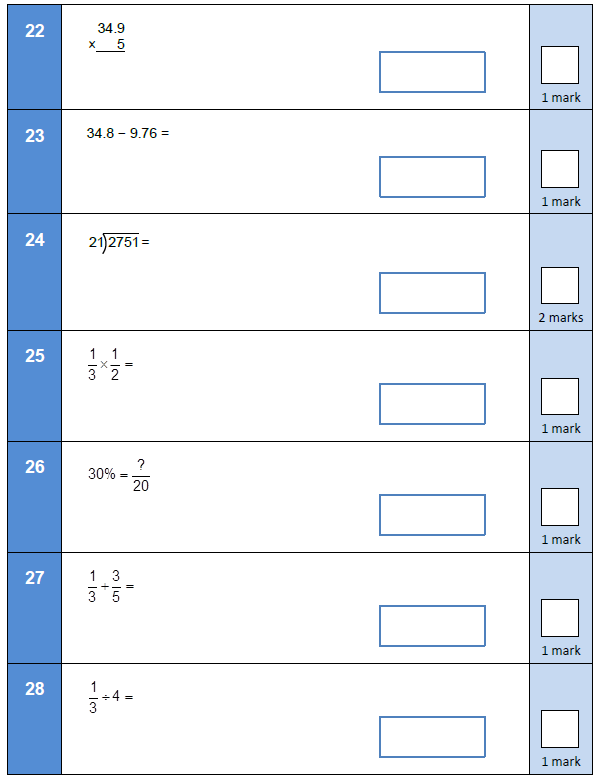
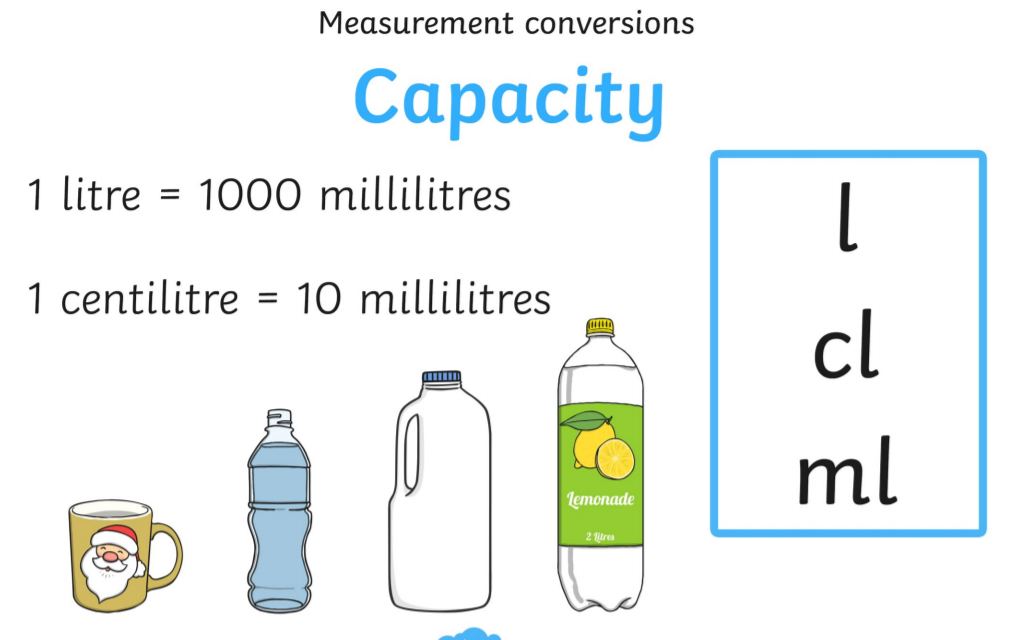
Day 1

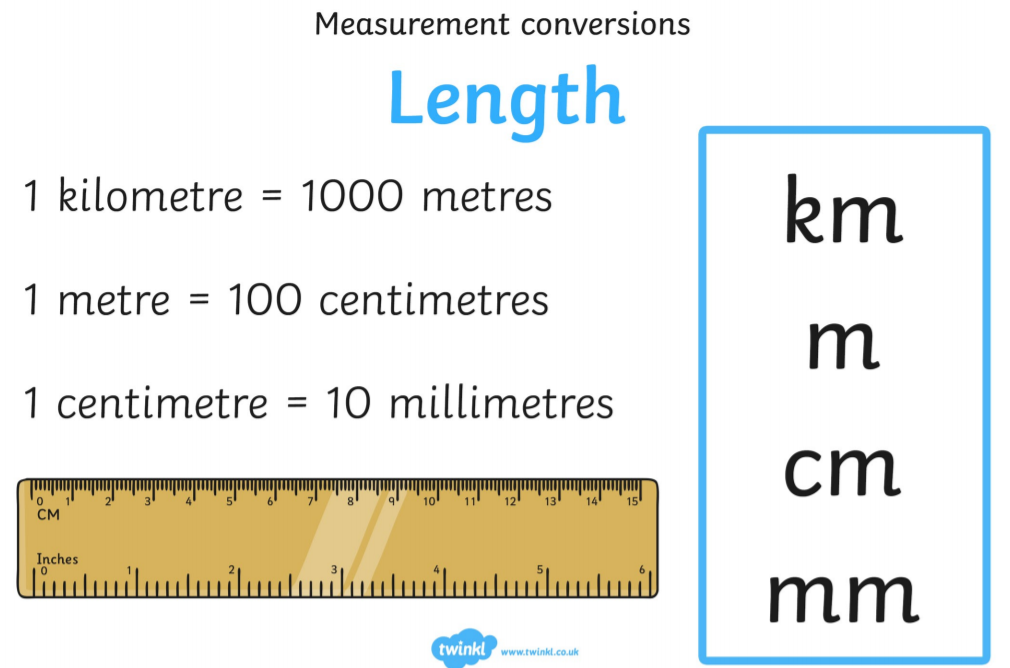


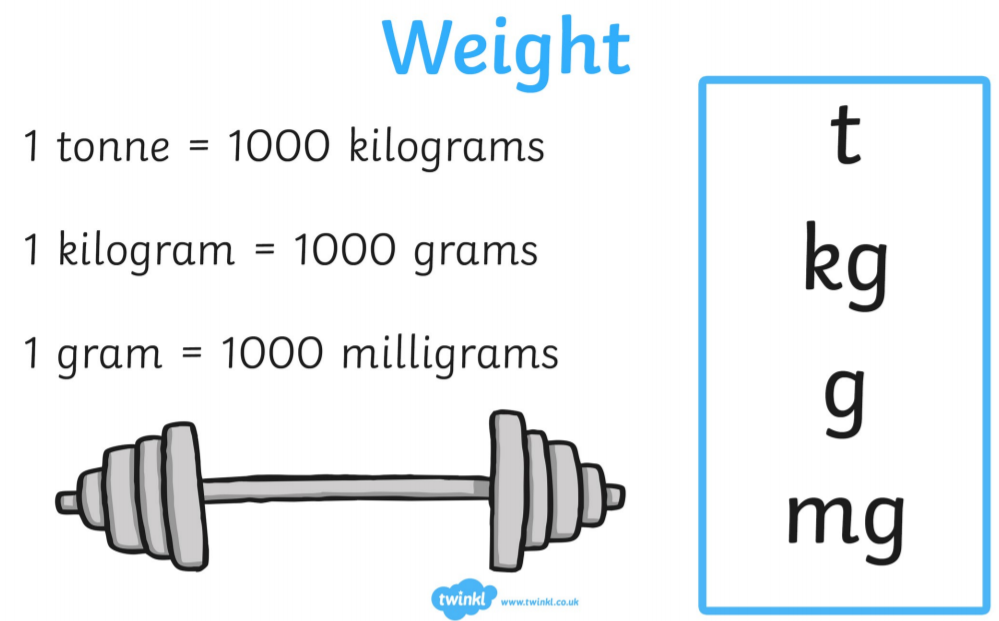


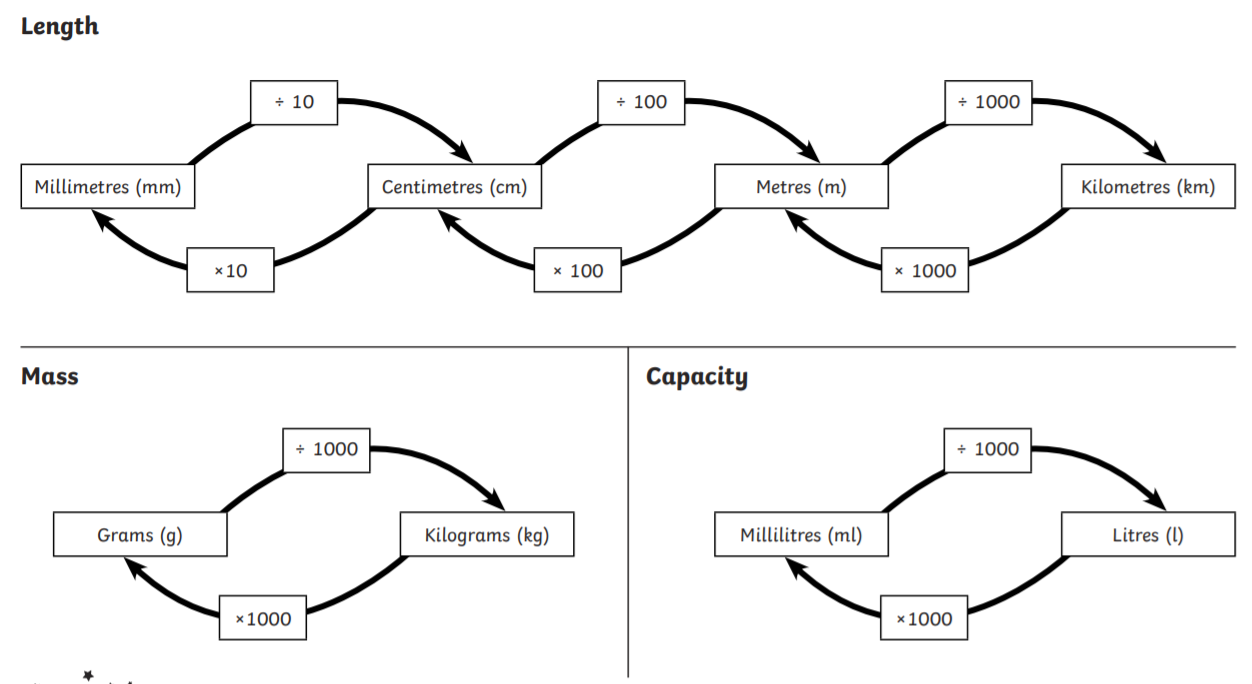
Answers

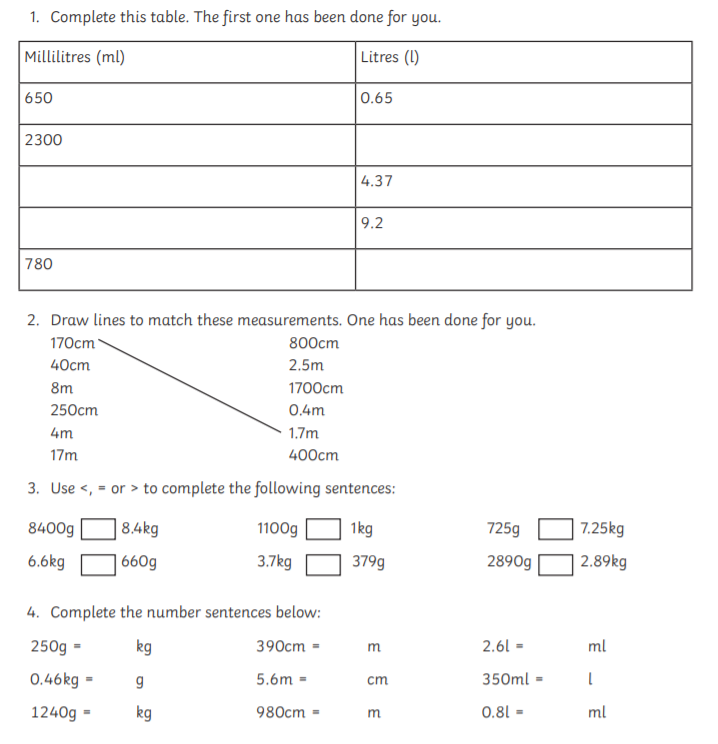
1. 1914
2. 64
3. 6
4. 96
5. 0.984
6. 36
7. 13,348
8. 174.5
9. 25.04
10. 131
11. 1/6
12. 6
13. 14/15
14. 1/12

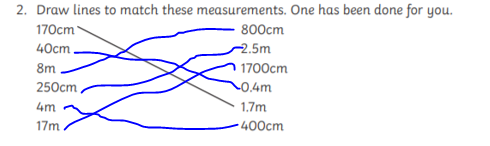


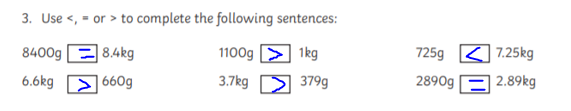








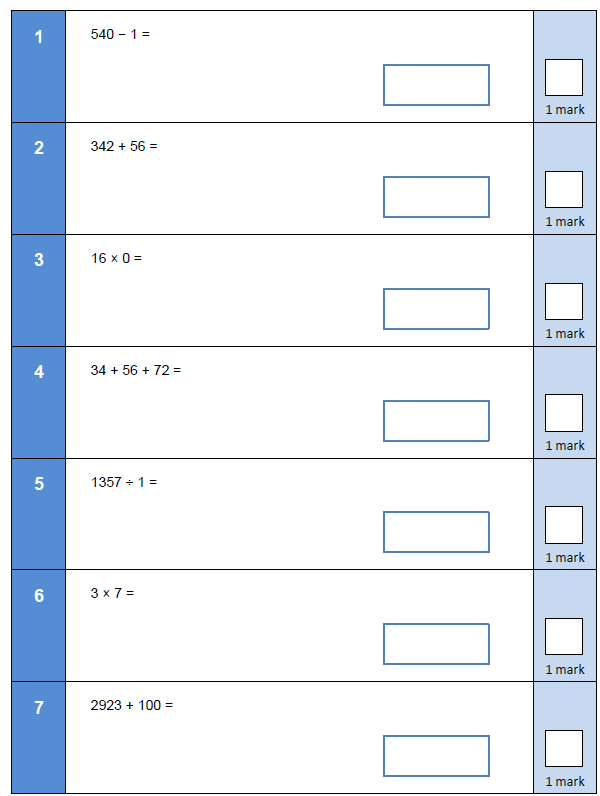
1. 2.3litres, 4370ml, 9200ml, 0.78litres
2. 

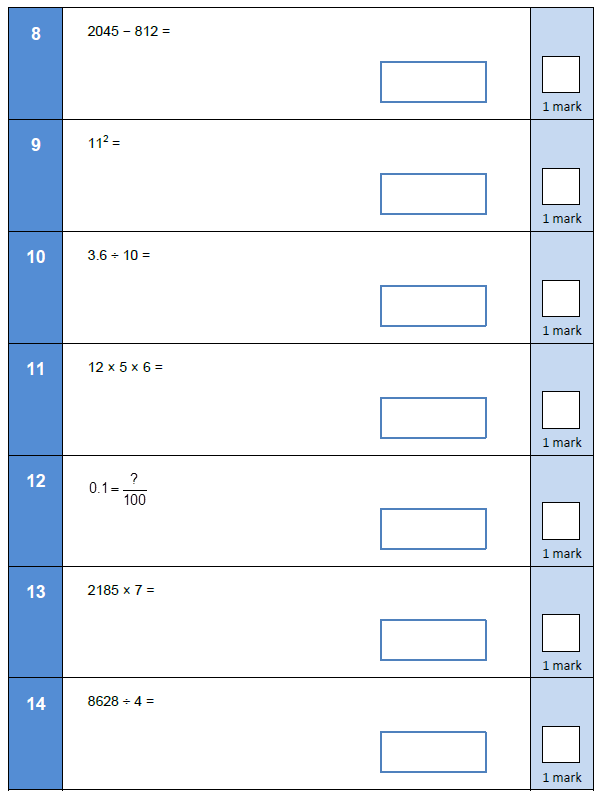


1. 0,25kg 3.9m 2600ml

460g 560cm 0.35litres

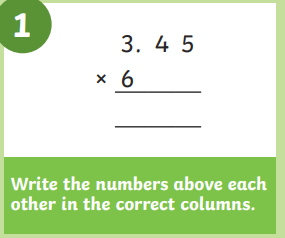
1.24kg 9.8m 800ml

Day 2



Answers

1. 539
2. 398
3. 0
4. 162
5. 1357
6. 21
7. 1023
8. 1233
9. 121
10. 0.36
11. 360
12. 10
13. 15,295
14. 2157



2. Drop the decimal down to the bottom.

3.45

X 6

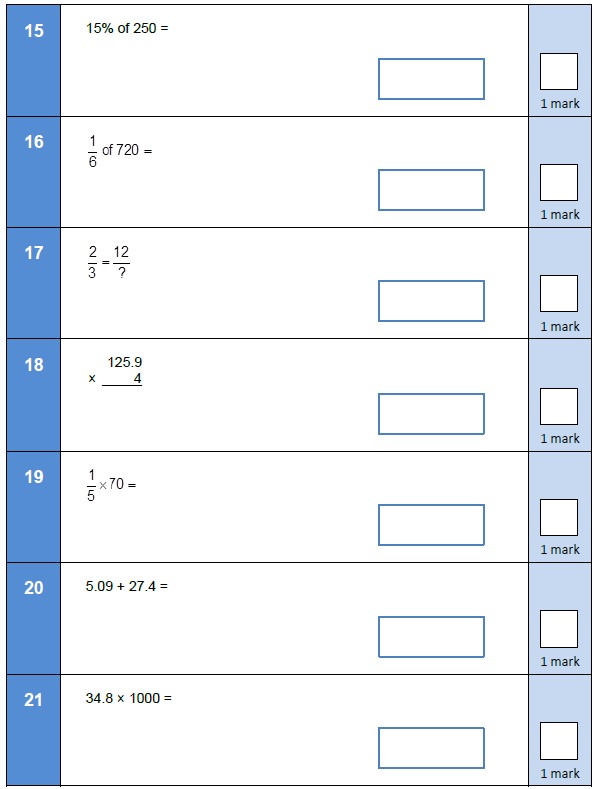
.

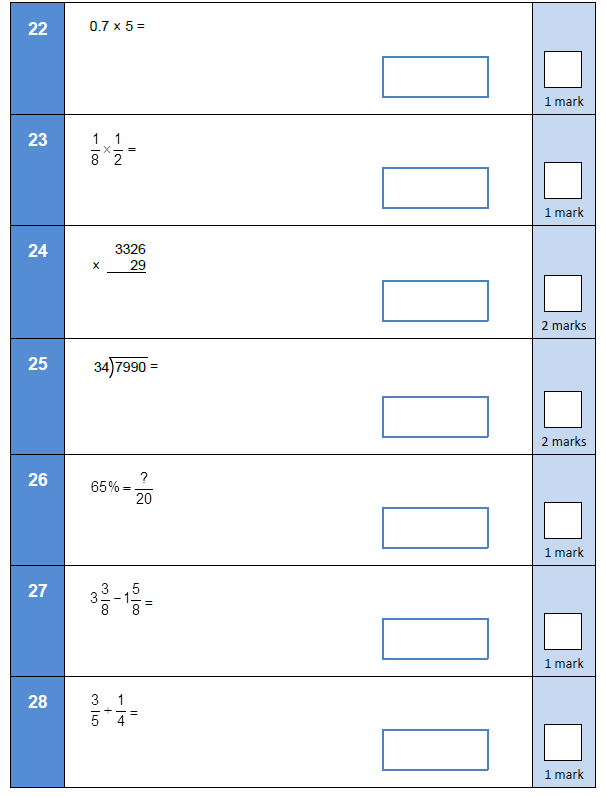
Then continue with your usual multiplication.

1. 6.8 x 4
2. 5.4 x 7
3. 38.28 x 3
4. 45.74 x 6
5. Tickets for a show cost £23.67. How much do seven tickets cost?
6. The booking fee for each ticket is £2.75. What is the total price for all seven tickets including the booking fee?
7. Steven manages to save £543.53 every year. How much does Steven manage to save over six years?
8. Karen bought five cans of food for £1.99 each, and seven cans of food for £1.28 each. What was the total?
9. Jim bought eight cans of each of three different kinds of cat food. One kind cost £1.25, the second kind cost £1.64, and the third kind cost £0.79. What was the total cost?
10. Jerry bought five boxes of nails for £4.58 and seven boxes of screws for £2.83. What was his change from £100?

Answers

1. 27.1
2. 37.8
3. 114.84
4. 274.44
5. £165.69
6. £184.94
7. £32.61
8. £18.91
9. £92.59

Day 3



Answers

15. 37.5

16. 120

17. 12/18

18. 503.6

19. 14

20. 32.49

21.34800

22. 3.5

23. 1/16

24. 96,454

25. 235

26. 13/20

27 14/8 or 1 and 6/8

28. 12/20

Algebra

Remember!!

A letter is like a ?

If a letter is next to a number, it means multiply

3a = 3 x ?

3a+ 4 = 10 really means 3 x ? + 4 = 10

Begin with the inverse

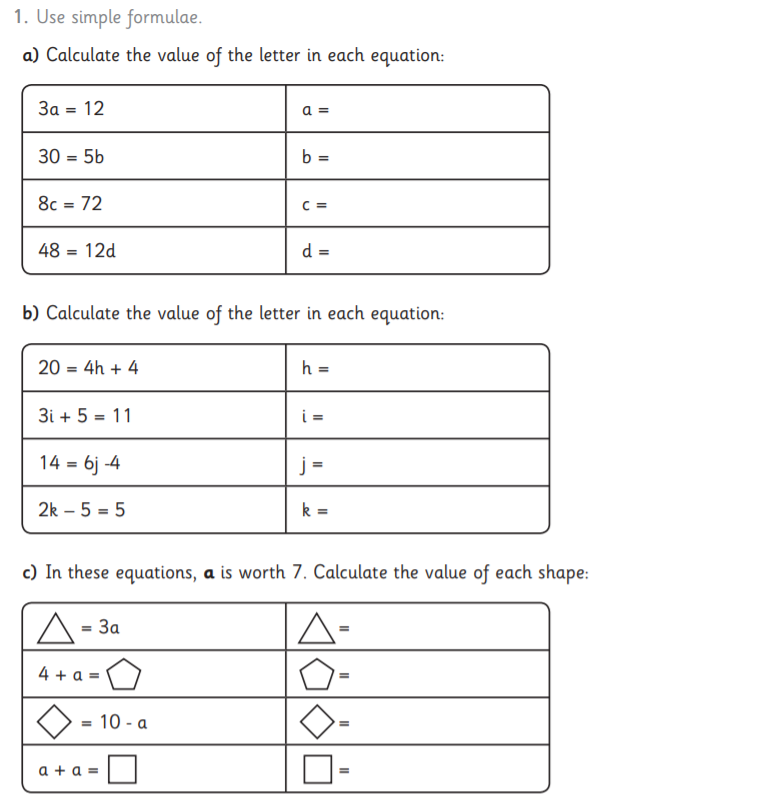
10 – 4 = 6

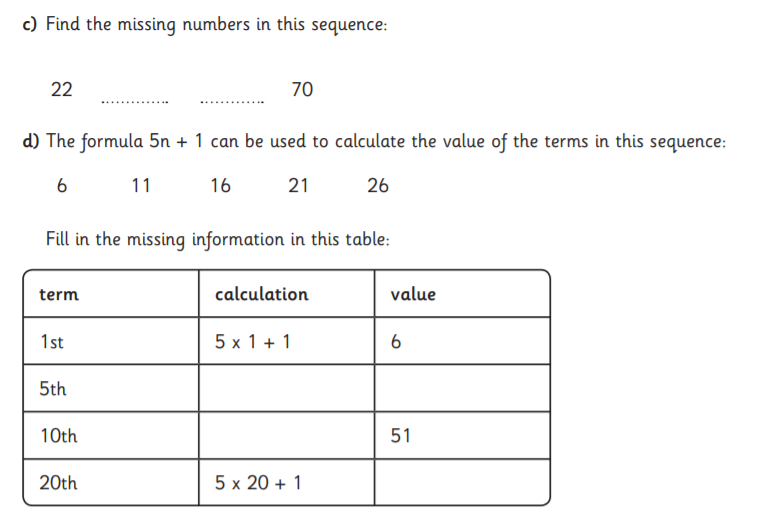
6 ÷ 3 = 2

Therefore, a = 2

Check! Substitute it back into the equation

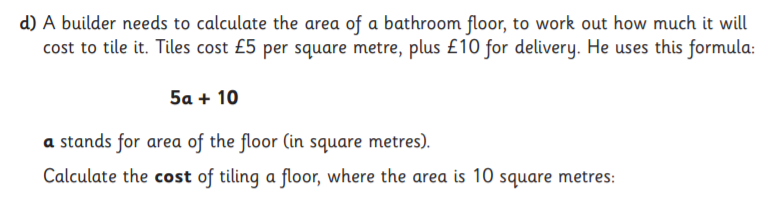
3x2 + 4 = 10 6 + 4 = 10





3

2



Answers

1. A = 4

B = 6

C = 9

D = 4

H = 4

I = 2

J = 3

K = 5

Triangle = 7

Pentagon = 11

Diamond = 3

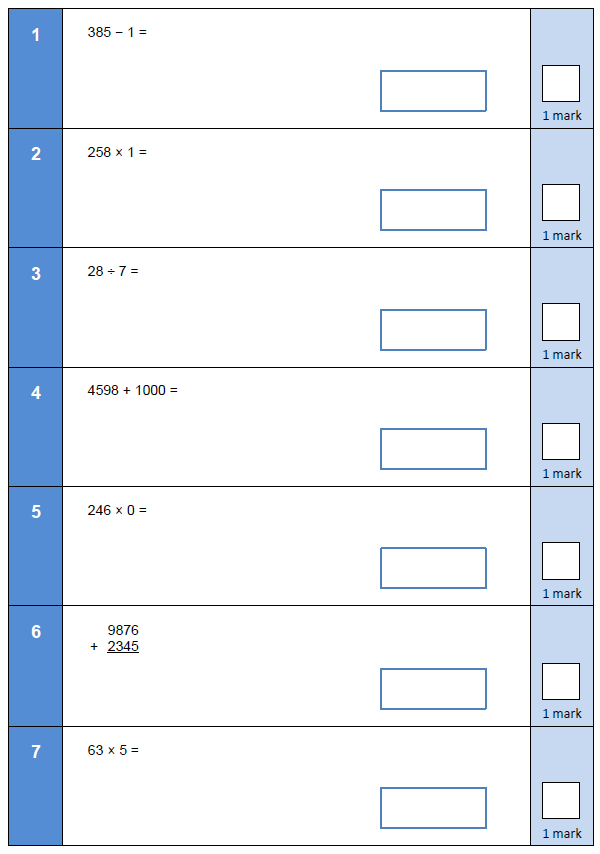
Square = 14

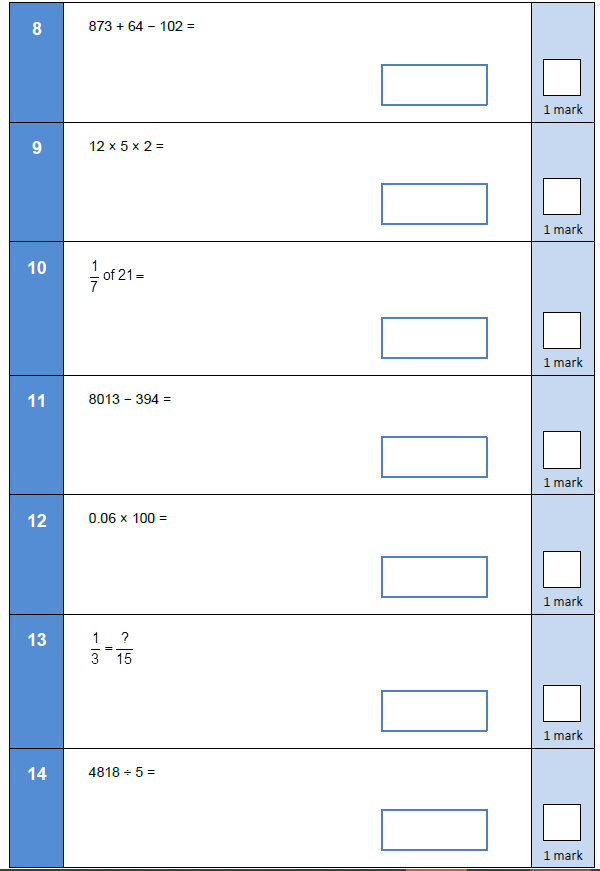
1. C = 38 amd 54

|  |  |  |
| --- | --- | --- |
| Term | Calculation | Value |
| 1st | 5 x 1 + 1 | 6 |
| 5th | 5 x 5 + 1 | 26 |
| 10th | 5 x 10 + 1 | 51 |
| 20th | 5 x 20 + 1 | 101 |

1. £60

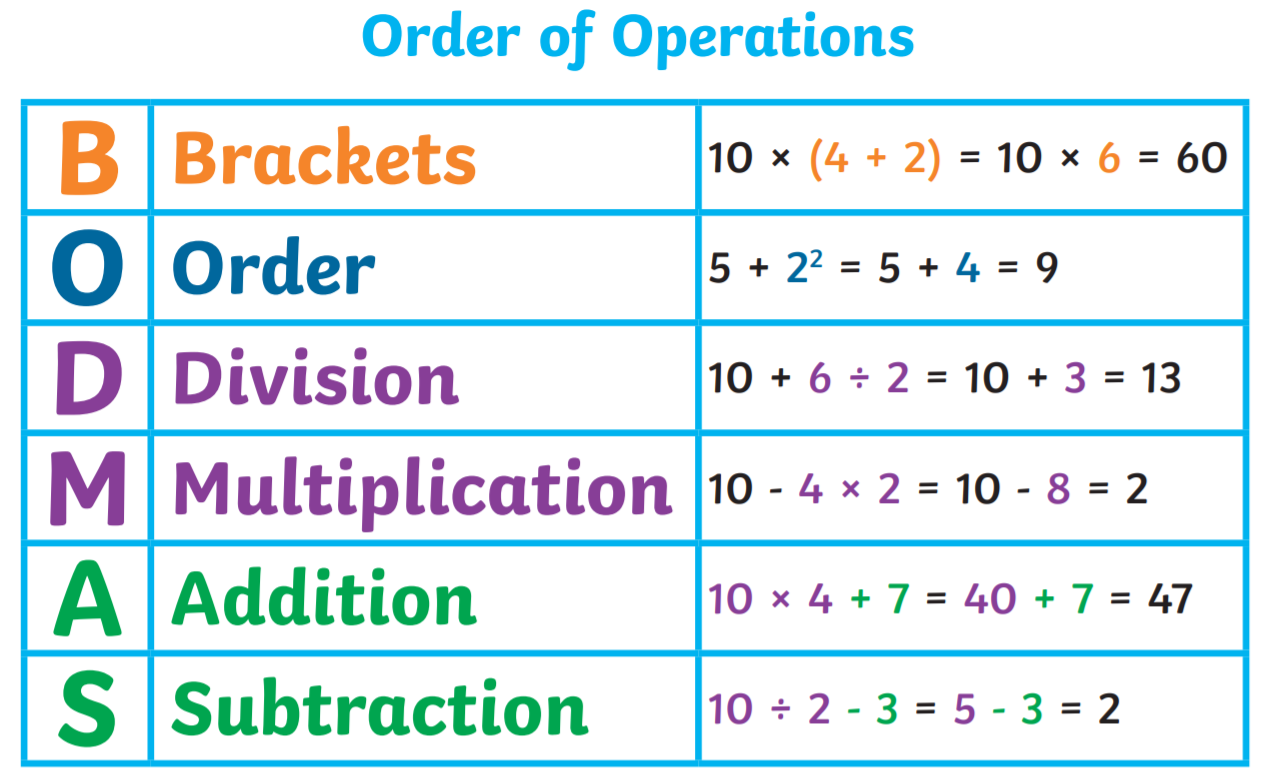
Day 4

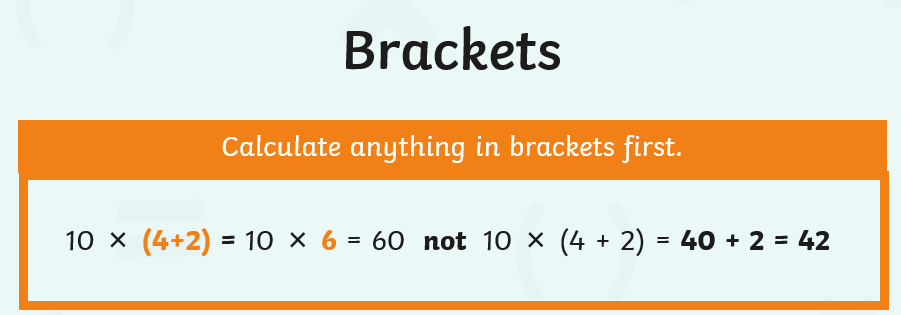


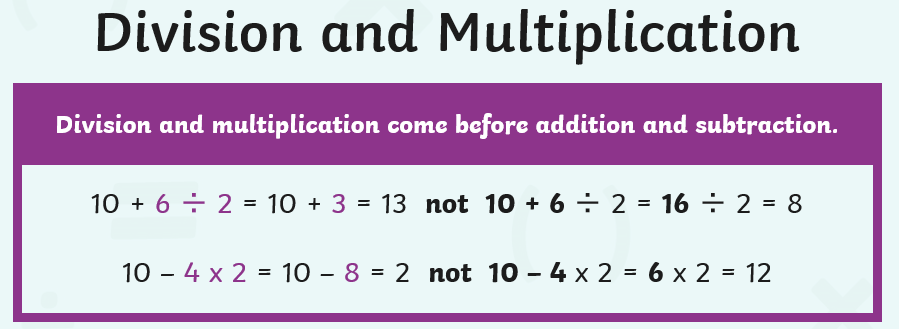
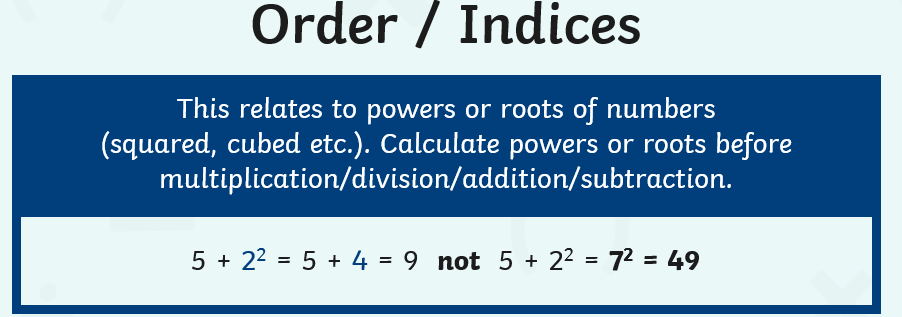


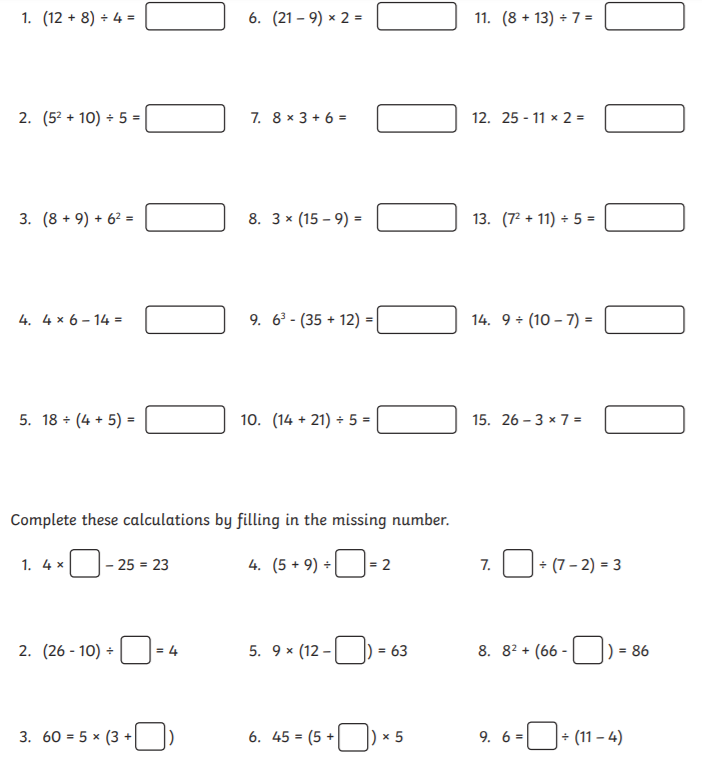
Answers

1. 384
2. 258
3. 4
4. 5598
5. 0
6. 12221
7. 315
8. 835
9. 120
10. 3
11. 7619
12. 6
13. 5/15
14. 963r3







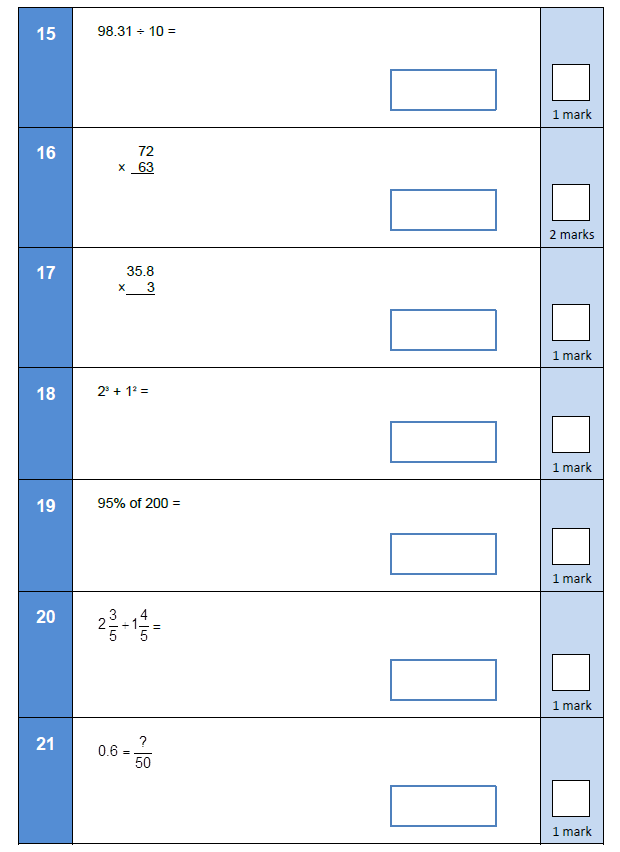


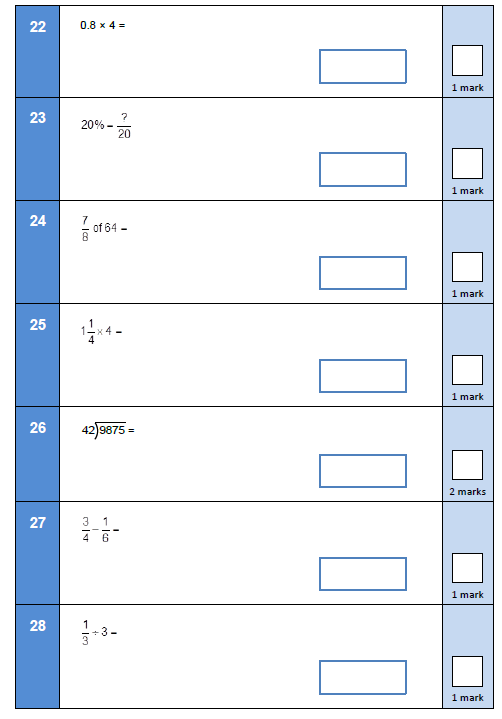
Answers

1. 5
2. 7
3. 53
4. 10
5. 2
6. 24
7. 30
8. 18
9. 164
10. 7
11. 3
12. 3
13. 12
14. 3
15. 5

Missing numbers

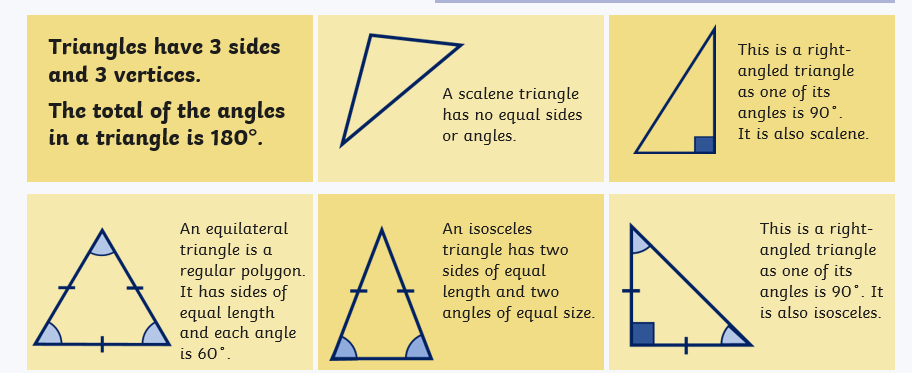
1. 12
2. 4
3. 9
4. 7
5. 5
6. 4
7. 15
8. 44
9. 42

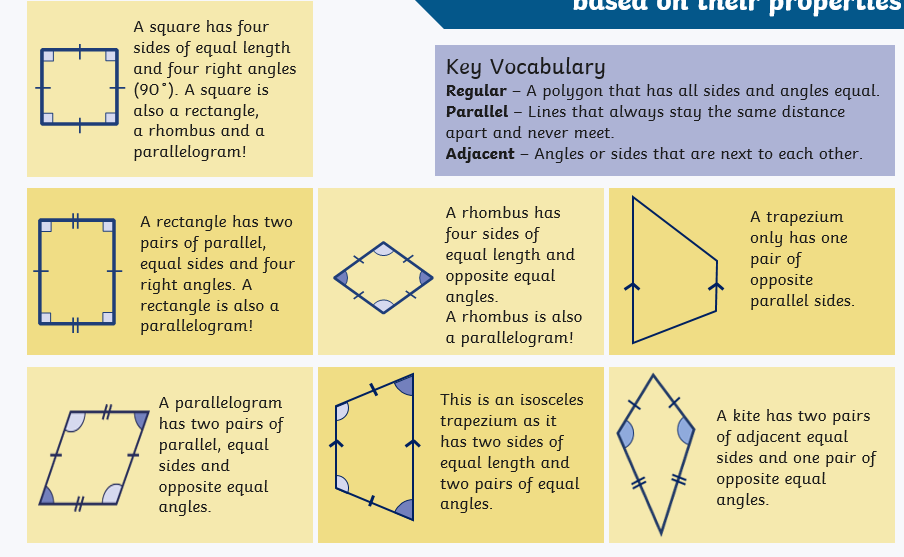
Day 5

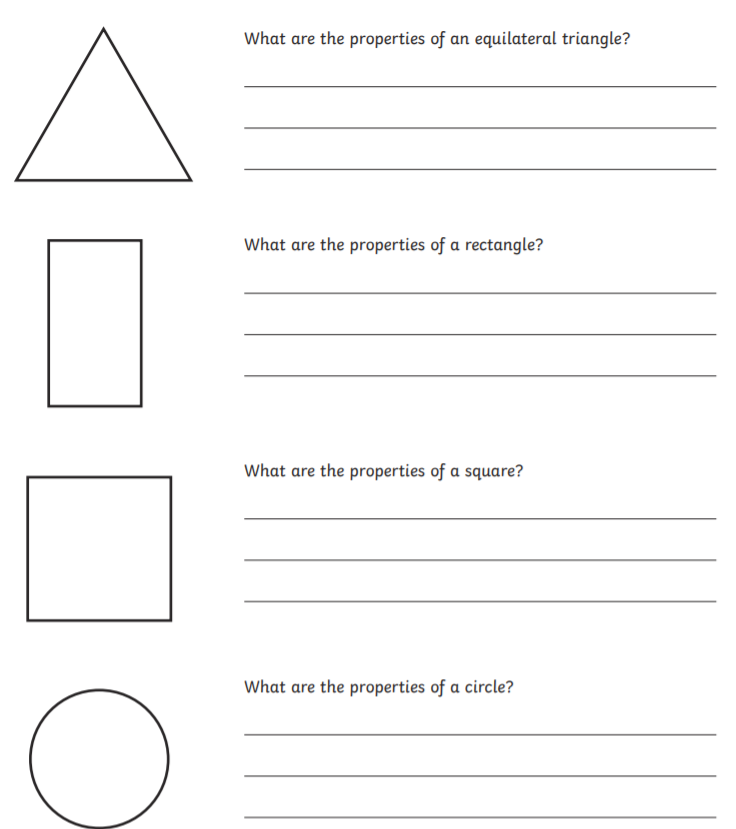


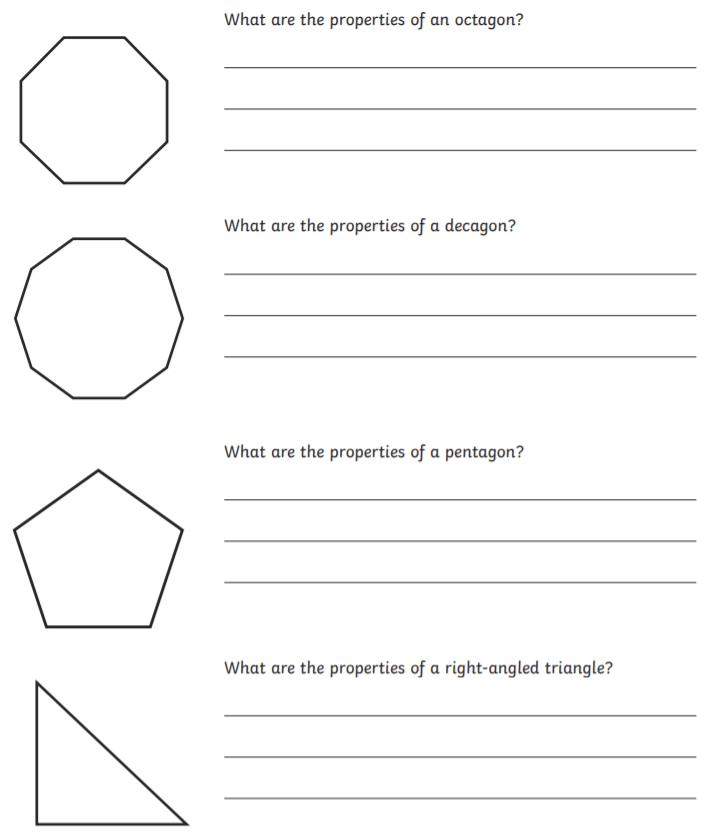
Answers

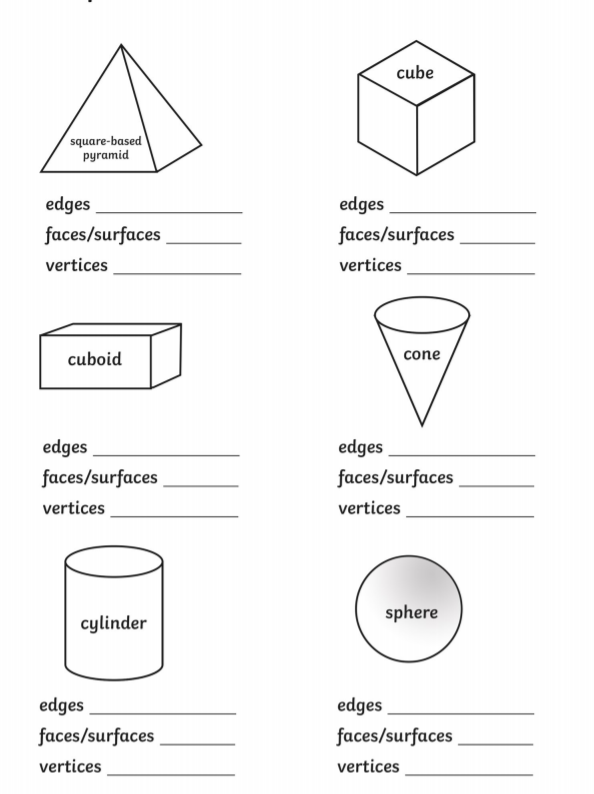
1. 9.831
2. 4536
3. 107.4
4. 9
5. 190
6. 4 and 2/5
7. 30/50
8. 3.2
9. 4/20
10. 56
11. 5
12. 235 r 5
13. 7/12
14. 1/9











**Answers**

**Equilateral triangle – All sides of equal length and all interior angles are 60 degrees.**

**Rectangle – Has two pairs of parallel lines which are equal in length. All interior angles are right angles (90)**

**Square – All sides are equal length and all interior angles are right angles (90)**

**Circle – A circle has no interior angles and has one curved side.**

**Octagon – Has 8 equal sides and all interior angles are 135 degrees.**

**Decagon – Has 10 equal sides in length and each interior angle is 144 degreee.**

**Pentagon – Has 5 equal sides in length and each interior angle is 108 degrees.**

**Right-angled triangle – On angle is 90 degrees. Two sides are of equal length and the other two angles are also equal in size.**

**Square based pyramid**

Edges = 8

Faces/Surfaces = 5

Vertices = 5

**Cube**

Edges = 12

Faces/Surfaces = 6

Vertices = 8

**Cuboid**

Edges = 12

Faces/Surfaces = 6

Vertices = 8

**Cone**

Edges = 1

Faces/Surfaces = 2

Vertices = 1

**Cylinder**

Edges = 2

Faces/Surfaces = 3

Vertices = 0

**Sphere**

Edges = 0

Faces/Surfaces = 1

Vertices = 0