7 x 28

20 x 7 = 140
8 x 7 = 56
196

900 ÷ 10 = 90

50 ÷ 10 = 5

42 ÷ 10 = 4.2



Find half of 68

$2\overline{)68}$ = 34

34

Double 19

19 x 2 = 38

38 x 72

x	30	8
70	2100	560
2	60	16

2100
560
60
16
2736
1

684 ÷ 4

$4\overline{)684}$ = 171

715 - 482

715
- 482
233

11^2

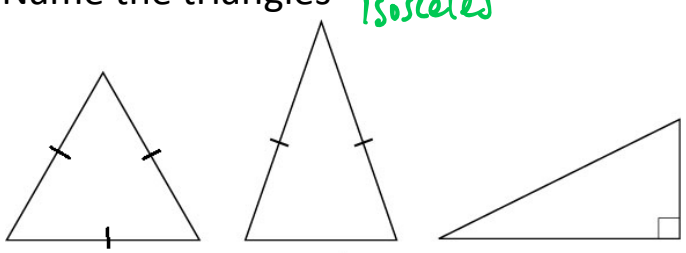
$11^2 = 11 \times 11 = 121$

10 - 2 = 8
60 - 2 = 58
30 - 2 = 28
90 - 2 = 88
40 - 2 = 38
80 - 2 = 78

0.32 + 0.5

0.32
0.50
0.82

Name the triangles



isosceles

equilateral

right angle

Which is bigger:

0.28 or 0.7?

$\sqrt{121}$ = 11

Square Root

Find half of 51

25.5
2 ⟌ 51.00

25.5

Find 10% of 400

10% = 400 ÷ 10 = 40

0.05 x 0.03

0.05 × 0.03 = 0.0015

Find 1/7 of 42

42 ÷ 7 = 6

Find 50% of 130

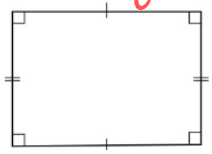
065
2 ⟌ 130

65

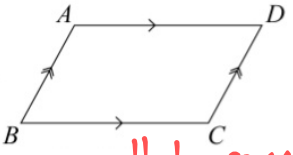
Name the quadrilaterals



Square



rectangle



parallelogram

8 x 100 = 800

3.2 x 100 = 320

0.71 x 100 = 71

Find the perimeter and area of



P = 26mm A = 36mm²

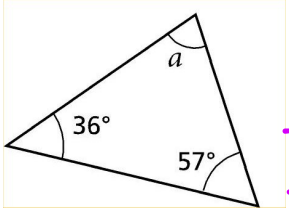
4+9+4+9 4x9

List three multiples of 37

37, 74, 111

Find the missing angle

36
57
93
1



180
-93
87

Find all the factors of 30

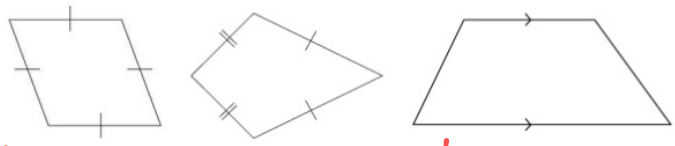
30	
1	30
2	15
3	10
5	6

Put in ascending order

0.33, 0.4, 0.303, 0.2196, 0.444

0.2196, 0.303, 0.33, 0.4, 0.444

Name the quadrilaterals



rhombus kite trapezium

Solve

5x = 30

$5x = 30$

$x = \frac{30}{5}$

$x = 6$

2/5 × 1/7 =

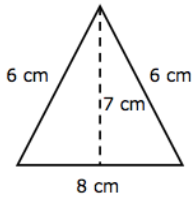
$\frac{2}{5} \times \frac{1}{7} = \frac{2 \times 1}{5 \times 7} = \frac{2}{35}$

Estimate:

327 x 48.77 ≈ 300 x 50

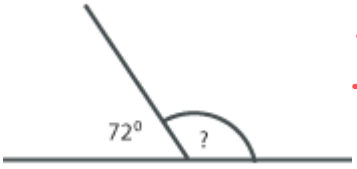
15 000

Find the perimeter and area of



P = 22cm (6+6+8) A = 28cm² ($\frac{7 \times 8}{2}$)

Find the missing angle



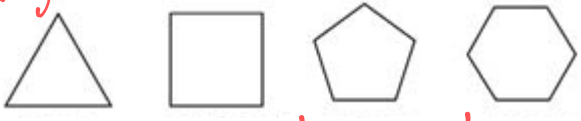
180 − 72 = 108°

List three fractions that are equivalent to 2/5

$\frac{2}{5} = \frac{4}{10} = \frac{6}{15} = \frac{8}{20}$

Name the polygons

triangle pentagon



quadrilateral hexagon

8, 7, 13, 9, 7, 8, 5, 7, 6, 20

Mode = 7 (most common)

Median = 5 6 7 7 7 8 8 9 13 20 → 7.5

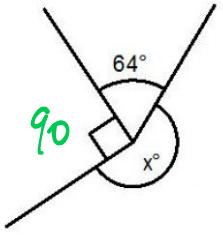
Mean = $\frac{5+6+7+7+7+8+8+9+13+20}{10} = 9$

1/3 + 1/4 =

$\frac{1 \times 4}{3 \times 4} + \frac{1 \times 3}{4 \times 3} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$

Find the missing angle

90 + 64 = 154



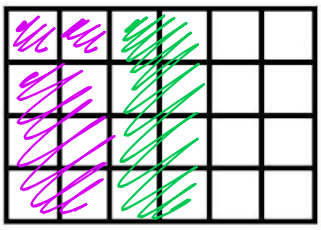
360 − 154 = 206

Expand

$5(x - 3) = 5x - 15$

$4(3x - 9) = 12x - 36$

Shade 2/3 of this shape



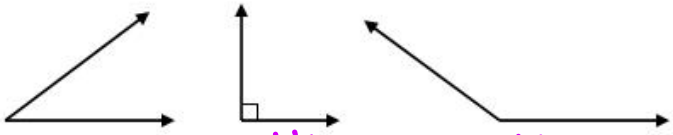
Angles in a triangle add up to $180°$

Angles in a quadrilateral add up to $360°$

What's the difference between a cube and a cuboid?

All the faces in a cube are squares

Name the types of angle



acute right angle obtuse

List three prime numbers between 10 and 30

11, 13, 17, 19, 23, 29

$3^3 =$

$3^3 = 3 \times 3 \times 3 = 27$

Find 60% of 800

10% = 80

60% = 80 x 6 = 480

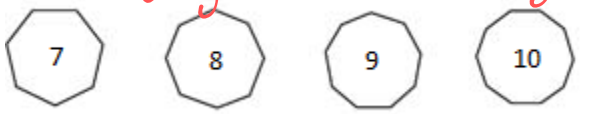
Five pens cost £20. How much do six pens cost?

5 pens = £20

1 pen = £20 ÷ 5 = £4

6 pens = £4 x 6 = £24

Name the polygons



heptagon octagon nonagon decagon

Solve

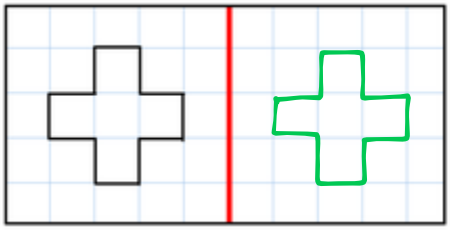
$4x - 7 = 25$

$4x = 32$

$x = \frac{32}{4}$

$x = 8$

Reflect the shape in the mirror line



Katy and James share £60 in a 3:2 ratio. How much does Katy get?

3+2 = 5 parts

60 ÷ 5 = 12

12 x 3 = £36

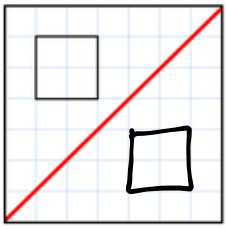
If **a = 3** and **b = 4** what is?

a + b = 3 + 4 = 7

a - b = 3 - 4 = -1

ab = 3 x 4 = 12

Reflect the shape in the mirror line



Put in ascending order

$\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{6}$ $\frac{1}{3}$ $\frac{1}{5}$

$\frac{1}{6}$ $\frac{1}{5}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{3}{4}$

6 - 12 = -6

-5 + 21 = 15

-3 - 9 = -12

Write the symbol >, < or = in each box

12 < 15

11 > 7

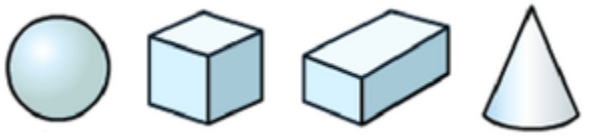
37 = 37

Put in ascending order

10, -9, -5, 15, 2, -1

-9 -5 -1 2 10 15

Name the 3D shapes



sphere cube cuboid cone

What is the value of the four in the number 3.42?

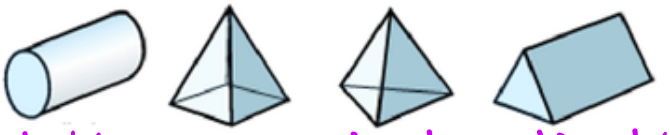
0.4

Find 5% of 600

10% = 60

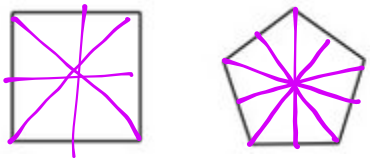
5% = 30

Name the 3D shapes



cylinder square based pyramid triangular based pyramid triangular prism

Draw all the lines of symmetry on these two shapes



Find the next three terms of the sequence

7, 9, 11, 13, 15, 17, 19, 21

+2 +2 +2 +2 +2 +2 +2

6, 13, 20, 27, 34, 41, 48, 55

+7 +7 +7 +7 +7 +7 +7

How many minutes in $2\frac{1}{2}$ hours?

1 hour = 60 minutes

2 hours = 120 minutes

½ hour = 30 minutes

120 + 30 = 150

Write 18.627 to one decimal place.

18.627

18.6

Maisy has £10. She spent £2.50 on a sandwich, £1 on a cup of tea and 47p on a biscuit.

How much does she have left?

2.50
1.00
0.47
3.97

10.00 − 3.97 = £6.03

Change 4.5m to centimetres.

1m = 100cm

4.5m = 450cm

6,000 x 3,000

18000000

18,000,000

A train leaves Brighton at 8.36. It takes 55 minutes to get to Littlehampton.

What time does it arrive?

8:36 → +24 → 9:00 → +31 → 9:31

How many days in a fortnight?

2 weeks

1 week = 7 days

2 weeks = 14 days

6000 ÷ 300

$\frac{6000}{300} = \frac{600}{30} = \frac{60}{3} = 20$

Fraction	Decimal	Percentage
½	0.5	50%
3/4	0.75	75%
¼	0.25	25%
1/10	0.1	10%

Draw a line that is 76mm long

Draw a 30^0 angle.