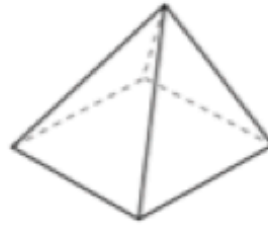Name this shape _cuboid_

Name this shape _Square based pyramid_

Name this shape _trapezium_

Name this shape (full name)

isosceles triangle

Write two thousand three hundred and six in figures

2306

Write 3948 to the nearest 100.

3900

8 3 8 2 3 9 8

a) Mode

8

b) Median

2 3 3 ⑧ 8 8 9

c) Range 9 - 2 = 7

There are 6 pens in a packet.

Natalie has 17 packets of pens.

How many pens does she have?

6 × 17 = 102

Solve $8n - 6 = 26$

$8n = 32$

$n = 4$

This is the an approximate to convert Fahrenheit to Celius

$$C = \frac{F - 30}{2}$$

Convert 50°C into °F

$$50 = \frac{F - 30}{2}$$

$$100 = F - 30$$

$$F = 130$$

Complete this table for $y = 3x + 1$

x	-3	-2	-1	0	1	2	3
y	-8	-5	-2	1	4	7	10

£800 is invested at 10% interest per year for 2 years.

How much is the investment worth after 2 years?

£800

£880

£968

Bag 1 has 30 balls and 12 are red.
Bag 2 has 24 balls and 10 are red.

Which bag has the greater probability of choosing a red?

Bag 2

$\frac{12}{30}$

$\frac{2}{5} = 0.4$

$\frac{10}{24} = \frac{5}{12}$

$\frac{5}{12} = 0.4166..$

April 26	5-a-day	Higher

Factorise

$y^2 + 3y - 18$

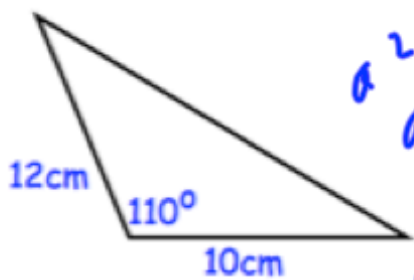$(y + 6)(y - 3)$

Calculate the size of angle d.

$80°$

Find the size of each interior angle in a regular 20 sided polygon.

$360 \div 20 = 18$

$180 - 18 = 162°$

Find the size of each exterior angle in a regular 20 sided polygon.

$18°$

12cm
110°
10cm

Calculate the length of the missing side.

$a^2 = b^2 + c^2 - 2bc \cos A$

$a^2 = 12^2 + 10^2 - 240 \cos 110$

$a^2 = 244 - 240 \cos 110$

$a^2 = 326.08 \cdots$

$a = 18.06 cm$

A cube has side length 9cm.
A sphere has radius r.

The cube and sphere have the same volume.

Calculate r.

$V = 9 \times 9 \times 9 = 729$

$729 = \frac{4}{3} \pi r^3$

$r^3 = 174 \cdots$

$r = 5.58 cm$