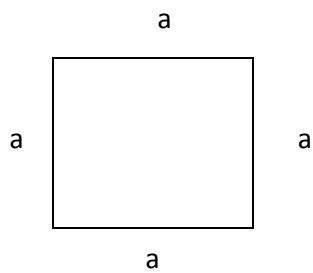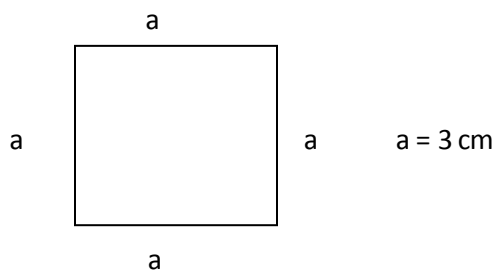The perimeter is the distance around the edge of a shape.

a

a   a   a = the length of each side of the square
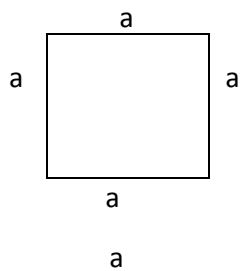
a

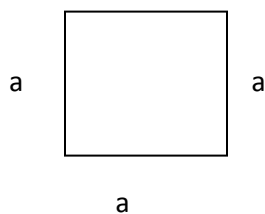Perimeter = a + a + a + a

Example:

a

a   a   a = 3 cm

a

Perimeter = 3 cm + 3 cm + 3 cm + 3 cm = 12 cm

Work out the perimeter for the shapes below. **Show (!!!)** your working outs as in the example above:

a

a   a   a = 2 cm
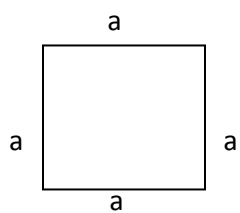
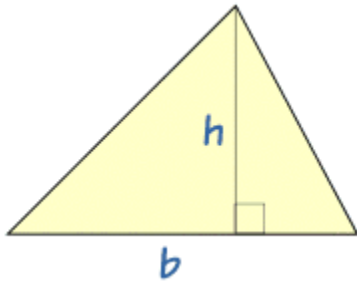a   Perimeter = ………………………………………………………………………………………

a

a   a   a = 5 cm

Perimeter = …………………………………………………………………………………

a

a

a   a   a = 3.5 cm

Perimeter = …………………………………………………………………………………

a

Area is a measurement of space. The shape below is a triangle. Look at the information.

h = height of a triangle

b = base of a triangle

To work out the area for a triangle you have to multiply base by height and then divide it by 2.
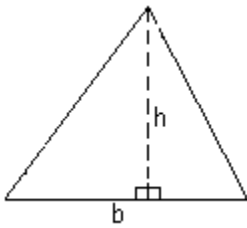
Area = $\dfrac{b \times h}{2}$

Example:

b = 6   Area = $\dfrac{6 \times 4}{2}$ = $\dfrac{24}{2}$ = 24 ÷ 2 = 12cm^2
h = 4

Find the area of triangles below. **Show (!!!)** your working outs.

h = 3

b = 4

Area = ...
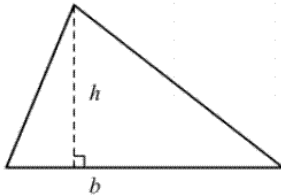
h = 5

b = 7

Area = ...
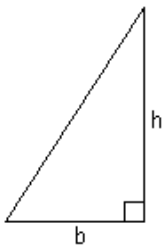
b = 2.5

h = 4

Area = ...

There is a sale at Sainsbury's!

Sale price is a price you pay for your shopping. You can work out the sale price by subtracting the discount from the original price.

Discounts:

Food - 2.50

Other - 12.00

S= P-D

Sale price = original price – discount

Example: Lasagne 7.00   Discount – 2.50

Sale price = 7.00 – 2.50 = 4.50

Work out the sale price for the rest of the products.

Formulae

$$\frac{A \times B}{100}$$

A- Price e.g. £7
B- Percentage e.g. 5%

---- divide ÷

Example:

$$\frac{£7 \times 5\%}{100}$$

7 x 5 ÷ 100 = 35 ÷ 100 = £0.35

Discounts :   food is 5% off
Other is 25% off

Work out the discounts for things from the box.