

Starter

1. Solve:

a. $4f - 1 = 19$

b. $8p + 2 = 58$

c. $10 + 6h = 28$

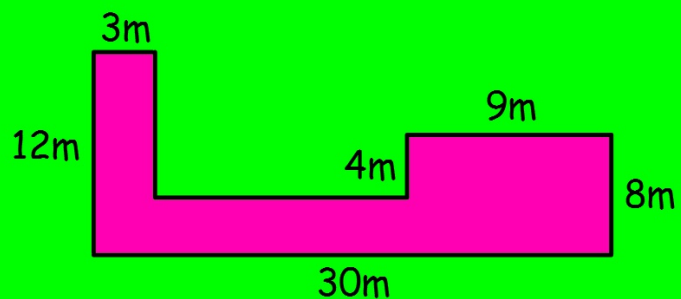
2. Convert 8.4 metres into centimetres.

3. Calculate:

a. 30% of £490

b. 15% of £360

4. Calculate the area of the shape shown.



Starter

1. Round the following to 1 decimal place:

a. 4.57

b. 12.81

c. 342.99

2. Evaluate the following expressions where $i = -3$, $j = 5$ and $k = 4$:

a. $ji - 3k$

b. $i^2 - jk$

c. $(j - i)^2 - 3i$

3. A square has side length of 19.489 cm.

a. Calculate the perimeter.

b. Convert this to millimetres.

4. Calculate the volume of a cuboid with dimensions of 6cm by 9cm by 10cm.

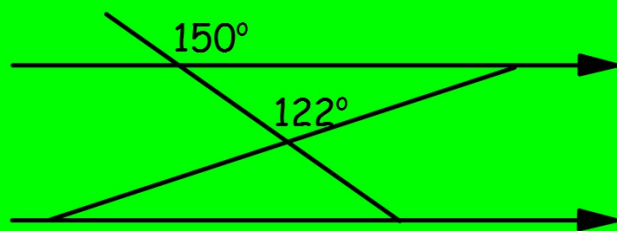
Starter

1. Simplify the following expressions:

a. $5y + 7j - 2j + 3y$

b. $9 - 5i^2 + 3i - 8 + 2i^2 - 7i$

2. Complete all angles in the diagram opposite.



3. Calculate the volume of a cube with side length of 8cm.

4. Lauren was shopping at the Nike store, where there was 35% off all ticket prices. A pair of trainers that Lauren liked had a ticket price of £84. How much would she pay?

Starter

1. Solve:

a. $4e - 1 = 27$

b. $7h + 12 = 54$

c. $70 - 5r = 35$

2. Convert the following into measurement in the bracket:

a. 5.2m (cm)

b. 3.58kg (g)

c. 12mm (cm)

3. Calculate:

a. $\frac{2}{7}$ of £602

b. $\frac{4}{9}$ of £1224

4. A rectangle has a perimeter of 32.4m. The length of the rectangle is 11.4m, calculate the breadth.

