

Starter

1. Round the following to 2 decimal places:

a. 5.2106

b. 38.0682

c. 55.2057

2. In a sweet shop, a Mars bar costs 67p, a bag of toffee's cost £1.18 and Fruit Pastilles cost 62p.

Amy buys 2 mars Bars, 1 bag of toffee's and 3 packets of Fruit Pastilles. How much will she have to pay?

3. Solve the following:

a. $4g - 1 = 3g + 23$

b. $7y - 12 = 5y + 38$

4. Calculate the volume of a cube with side length of 11cm.

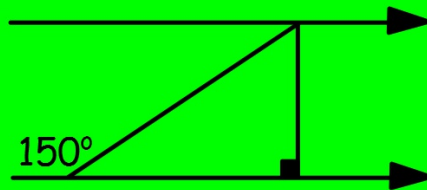
Starter

1. Simplify the following expressions:

a. $4 - 3e + 9u - 2e + 5u - 1$

b. $17p - 5 + 3p^2 + 5p - 2 + p^2$

2. Complete the diagram shown.



3. Evaluate the following expressions where $p = -3$, $q = 1$ and $r = 5$:

a. $qr - p$

b. $(pq)^3$

c. $(r - p)^2 - p$

4. Write down the next 3 numbers in the sequence 1, 4, 9, 16.....

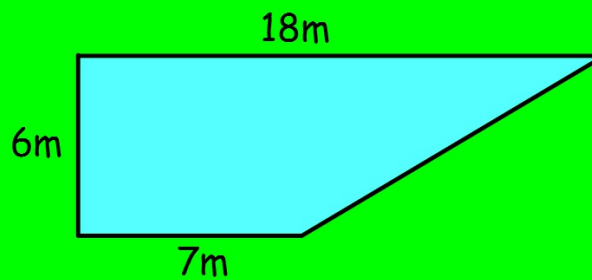
Starter

1. Calculate:

a. 10% of £540

b. 15% of £480

2. Calculate the area of the shape shown.



3. Calculate:

a. $3.524 \times 5 + 12.583$

b. $98.471 - 13.58 \times 4$

4. Complete the next 3 numbers in the sequence 3, 8, 15, 24.....

Starter

1. Calculate:

a. 20% of £310

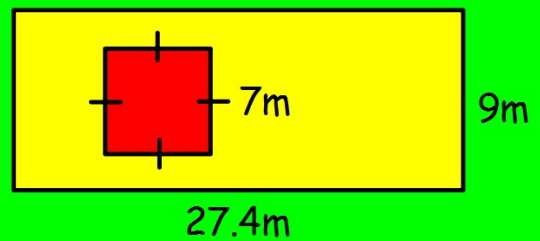
b. 15% of £240

2. Solve:

a. $6i - 5 = 5i + 9$

b. $4w - 2 = 2w + 28$

3. Calculate the area of the yellow section in the shape opposite.



4. Calculate the volume of a cuboid with dimensions of 17cm by 13cm by 18cm.

