

Starter

1. Calculate:

a. 40% of £240

b. 25% of £120

c. 7% of £800

2. Simplify the expressions:

a. $6r - 3 + 4y + 8 - 11y + 4r$

b. $3y \times 2y - 3y^2$

3. The ratio of Bounty to Galaxy in a box of Celebrations is stated as 3 : 4.

If there 12 Galaxy chocolates in a box of Celebrations, how many Bounty are there?

4. A cuboid has dimensions of 50 cm by 60 cm by 12.2 cm.
Calculate the volume of the cuboid.

Starter

1. Round the following to 2 decimal places:

a. 4.82154

b. 72.27581

c. 100.999999

2. Find a formula for the patterns below:

a.

Y	1	2	3	4
X	3	7	11	15

b.

M	5	6	7	8
N	25	35	45	55

3. Convert 8.9 cm into metres.

4. A rectangle with breadth of 12 cm has a perimeter of 60 cm.

a. Calculate the length of the rectangle.

b. Hence, calculate the area of the rectangle.