

1. Here is the list of ingredients for making 4 bean burgers.

Bean Burgers		
Ingredients to make 4 burgers		
80	g	of avocado
100	g	of oats
60	ml	of water
200	g	of cannellini beans
40	g	of pickled beetroot

The cook wants to make 8 bean burgers.

(a) Complete (i) add **and** (ii) multiply method to work out how much of avocado to use

(i) add	4 burgers	80 g avocado
	4 burgers	80 g avocado
	8 burgers	<input style="width: 40px;" type="text"/> g avocado

(ii) multiply by 2 (a.k.a double)

	×2		
		4 burgers	80 g avocado
		8 burgers	<input style="width: 40px;" type="text"/> g avocado

(b) Complete the (i) add **or** the (ii) multiply method to work out how much oats to use.

(i) add	4 burgers	100 g oats
	4 burgers	100 g oats
	8 burgers	<input style="width: 40px;" type="text"/> g oats

(ii) multiply by 2 (a.k.a double)

	×2		
		4 burgers	100 g oats
		8 burgers	<input style="width: 40px;" type="text"/> g oats

(c) Complete the (i) add **or** the (ii) multiply method to work out how much water to use.

(i) add	4 burgers	60 ml water
	4 burgers	60 ml water
	8 burgers	<input style="width: 40px;" type="text"/> ml water

(ii) multiply by 2 (a.k.a double)

	×2		
		4 burgers	60 ml water
		8 burgers	<input style="width: 40px;" type="text"/> ml water

2. The teacher says 10 % costs £ 3

Complete the (i) add or the (ii) multiply method to work out 20%

(i) add	10 %	£ 3
	10 %	£ 3
	20 %	£ <input style="width: 40px; height: 20px;" type="text"/>

(ii) multiply by 2 (a.k.a double)

$$\times 2 \begin{array}{l} \curvearrowright 10 \% \\ \curvearrowleft 20 \% \end{array}$$

$$\times 2 \begin{array}{l} \curvearrowright £ 3 \\ \curvearrowleft £ \input{width: 40px; height: 20px;} \end{array}$$

3. The question says 50 % is 30 ml

Complete the (i) add or the (ii) multiply method to work out 100 %

(i) add	50 %	30 ml
	50 %	30 ml
	100 %	<input style="width: 40px; height: 20px;" type="text"/> ml

(ii) multiply by 2 (a.k.a double)

$$\times 2 \begin{array}{l} \curvearrowright 50 \% \\ \curvearrowleft 100 \% \end{array}$$

$$\times 2 \begin{array}{l} \curvearrowright 30 ml \\ \curvearrowleft \input{width: 40px; height: 20px;} ml \end{array}$$

4. The web page says 5 miles is 8 km

Complete the (i) add or the (ii) multiply method to work out 10 miles in km

(i) add	5 miles	8 km
	5 miles	8 km
	10 miles	<input style="width: 40px; height: 20px;" type="text"/> km

(ii) multiply by 2 (a.k.a double)

$$\times 2 \begin{array}{l} \curvearrowright 5 miles \\ \curvearrowleft 10 miles \end{array}$$

$$\times 2 \begin{array}{l} \curvearrowright 8 km \\ \curvearrowleft \input{width: 40px; height: 20px;} km \end{array}$$

Answers Q1: (a) 160 (b) 200 (c) 120 Q2: 6 Q3: 60 Q4: 16