

Calculating bigger or smaller amounts - answers

1. If the cost of 5 rolls of camera film is £12.50, work out the cost of 8 rolls.

Correct answer: Divide by how many you know ($£12.50 \div 5 = £2.50$) then multiply by what you want to know ($£2.50 \times 8 = £20$). **The answer is £20.**

2. If the total cost of 15 tickets is £75, work out the cost of 8 tickets.

Correct answer: Divide by how many you know ($£75 \div 15 = £5$) then multiply by what you want to know ($£5 \times 8 = £40$). **The answer is £40.**

3. A recipe for flapjacks needs 60 g of oats and it makes 10 flapjacks.
What quantity of oats is needed to make 24 flapjacks?

Correct answer: Divide by how many you know ($60 \text{ g} \div 10 = 6 \text{ g}$) then multiply by what you want to know ($6 \text{ g} \times 24 = 144 \text{ g}$). **The answer is 144 g.**

4. This list of ingredients is enough to make oat cookies for 10 people.
How much of each ingredient would you need for 3 people?

Correct answers:	For 10 people	Ingredients	For 3 people
	200 g	margarine	60 g
	10 drops	almond essence	3 drops
	10 tsp	golden syrup	3 tsp
	250 g	rolled oats	75 g
	100 g	brown sugar	30 g
	200 g	wholewheat flour	60 g
	1 tsp	baking powder	0.3 tsp

The method here is to **divide** each amount by 10, then **multiply** it by 3.