

Mild Answers

1. $1000\text{g} + 2\text{kg} = 3\text{kg}$
2. $4\text{kg} - 1000\text{g} = 3000\text{g}.$
3. $3\text{litres} + 240\text{ml} = 3240\text{ml}$
4. $1\text{ litre} - 500\text{ml} = 500\text{ml}$
5. $1\text{km} + 2500\text{m} = 3500\text{m}$
6. $20\text{mm} + 4\text{cm} = 6\text{cm}$

Medium Answers

1. I use 125g of butter, 0.3kg of oats and 175g of sugar to make flapjack.
What is the total mass of ingredients used in kg?
0.6kg
2. A bag of coins weighs 2kg. The coins are evenly split into 4 smaller bags.
What is the mass of each smaller bag in grams?
 $2\text{kg} = 2000\text{g}$
 $2000 \text{ divided by } 4 = \mathbf{500\text{g}}$
3. A glass holds 0.3litres. I pour 240ml of water into the glass. How many more ml of water will fit into the glass?
 $0.3 \text{ litres} = 300\text{ml}. \quad 300 - 240 = \mathbf{60\text{ml}}$
4. I have 1 litre of apple juice. I pour a glass of 300ml out for my friend. How much apple juice is left in the carton in ml?
 $1 \text{ litre} = 1000\text{ml}$
 $1000 - 300\text{ml} = \mathbf{700\text{ml}}$
5. An athlete runs 1.5km and swims 1800m. What is the total distance of the swim and run in km?

$$1800\text{m} = 1.8\text{km}$$

$$1.8 + 1.5 = \mathbf{3.3\text{km}}$$

6. A snail travels 20mm every minute. How many cm does the snail travel in 2 minutes?

$$20\text{mm} = 2\text{cm}$$

$$2 \times 2 = \mathbf{4\text{cm}}$$

Hot Answers

1. I use 125g of butter, 0.3kg of oats and 175g of sugar to make flapjack. What is the total mass of ingredients used in kg if I make double the quantity of flapjack?
1.2kg
2. A bag of coins weighs 5.2kg. The coins are evenly split into 4 smaller bags. What is the mass in grams of each smaller bag?
1300g
3. A glass holds 0.33litres. I pour 275ml of water into the glass. How many more ml of water will fit into the glass?
55ml
4. I have 1.5 litre of apple juice. I pour a glass of 300ml out for my friend and spill 15ml. How much apple juice is left in the carton in litres?
1.185 litres
5. An athlete runs 1.75km, swims 1850m and cycles 5250m. What is the total distance of the swim and run in km?
8.85km
6. A snail travels 25mm every minute. How many cm does the snail travel in 6 minutes?
15cm