

1. Lacey wants to make some maple and pecan bread in a bread making machine.

The empty bread making pan weighs 710 grams.

Maple and Walnut Bread		
5	grams	salt
5	grams	yeast
15	grams	butter
400	grams	bread flour
45	grams	maple syrup
280	<i>ml</i>	water
75	grams	pecans

She adds the salt, yeast, butter and bread flour to the pan.

- (a) How much does the bread making pan with these four ingredients weigh now?  
Give your answer in kilograms.

She wants to add the maple syrup next.

- (b) What reading should her scales show when she has added enough maple syrup?

2. Eva wants to buy 250 *ml* of face cream.

Supa-sava-market sells 125 *ml* of face cream for £2.79 (buy 1 get 1 half price)

Quality 1st sells 125 *ml* of face cream for £1.99

Both stores sell the same brand and type of face cream.

She wants the best value for money.

Where is the face cream best value for money at Supa-sava-market or Quality 1st?

You must show all your working.

3. A hotel wants to buy 20 cushions.

Three companies sell the same size and type of cushion.

Fabric n Gadget	
cushions	£8.00 (buy 1 get 1 free)

  

Hotel Furnishings	
cushions	£7.00 (10 for £35)

Sitting Comfortably	
cushions	£5.50 (3 for £10)

The hotel wants to pay the lowest total price.

Which company should the hotel buy 20 cushions from?

You must show all your working.

4. not written yet

5. not written yet

6. Denzel wants 57 nails to complete the shed roof.

Each nail weighs 6 grams.

Denzel has 318 grams of nails.

Does Denzel have enough nails to complete the shed roof?

7. A club wants to take a coach party of 35 to a stately house and gardens.

The entry fee is £8.75 per person.

(a) Estimate the total cost of the coach party's entry fees.

(b) Is your answer to (a) an underestimate or an overestimate?

Give a reason for your answer.

8. Chaim always saves his £2 coins in a jar.

Chaim says he has 85 £2 coins.

The total weight of his £2 coins is 948 grams

Each £2 coin weighs 12 grams.

Does Chaim have 85 £2 coins?