

Name:

Exam Style Questions

Recipes



Equipment needed: Calculator, pen

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

Video 256



Answers and Video Solutions



1. Omar is making Shortbread for 16 people.
He has found a recipe with this list of ingredients on a website.



Shortbread

Serves 8

Butter	150g
Caster Sugar	75g
Plain Flour	175g
Cornflour	50g

How much of each ingredient will he need for 16 people?

Butter:g

Caster Sugar:g

Plain Flour:g

Cornflour:g

(3)

2. Here is a recipe for Scones.



Scones

Serves 8

Butter	60g
Flour	260g
Baking Powder	2 teaspoons
Buttermilk	180ml

How much of each ingredient would be needed to make scones for 2 people?

Butter:g

Flour:g

Baking Power:teaspoons

Buttermilk:ml

(3)

3. Shown below is a recipe for Stuffed Turkey.



Stuffed Turkey

Serves 4

Turkey	500g
Red Onion	1
Garlic Cloves	2
Chestnut Mushrooms	150g
Spinach	140g
Chicken Stock	300ml

Mary wants to make Stuffed Turkey for 10 people.

How much of each ingredient is needed?
Include units.

Turkey:

Red Onions:

Garlic Cloves:

Chestnut Mushrooms:

Spinach:

Chicken Stock:

(4)

4. Here is a list of ingredients to make vegetable soup for 6 people.



Serves 6
3 onions
300g carrots
260g potatoes
150g celery
1.4 litres vegetable stock

Jessica wants to make enough soup for 9 people.

Work out how much of each of the ingredients she needs.

Onions:onions

Carrots:g

Potatoes:g

Celery:g

Vegetable Stock:litres

(3)

5. Richard wants to make Shortbread for 3 people.
He has this recipe.



Shortbread

Serves 4

Butter	80g
Caster Sugar	60g
Plain Flour	100g
Cornflour	40g

How much of each ingredient will Richard need for 3 people?

Butter:g

Caster Sugar:g

Plain Flour:g

Cornflour:g

(3)

6. Donna uses this recipe for Chilli Con Carne.



Serves 6 people

1 kilogram of mince

400 grams of tomatoes

3 chillies

600 grams of kidney beans

Donna is going to use this recipe to make Chilli Con Carne for 15 people.

- (a) Work out how many grams of mince she needs.

.....g
(2)

Shane uses the same recipe.
He uses 1.2 kilograms of tomatoes.

- (b) How many people is Shane making Chilli Con Carne for?

.....
(2)

7.



Thomas has a recipe for making Rice Krispie cakes.

The recipe uses 120g of chocolate and 80g of Rice Krispies to make 12 cakes.

(a) How much chocolate should Thomas use to make 30 cakes?

.....g
(2)

(b) What is 120g out of 200g expressed as a percentage?

.....%
(1)

8. Ella is making chocolate rice krispy cakes.



Here is a list of ingredients needed to make 8 cakes.

Makes 8
150g chocolate
100g butter
60ml golden syrup
100g Rice Krispies

Ella has

400g chocolate
175g butter
100ml golden syrup
280g Rice Krispies

Ella is going to make 36 cakes.

Work out how much more of each ingredient Ella needs.

Chocolate:g

Butter:g

Golden Syrup:ml

Rice Krispies:g

(4)

9. Jo has a recipe for Bolognese Sauce,



Bolognese Sauce

Minced Beef	500 g
Chopped Tomatoes	750 g
Mushrooms	40 g
Chicken Stock	150 ml

She only has 400g of minced beef.

How much of the other ingredients should she use?

Chopped Tomatoes:g

Mushrooms:g

Chicken Stock:ml

(3)

10. Nancy is making cupcakes.



Makes 15

120g flour

135g caster sugar

300g icing sugar

3 eggs

260g butter

Nancy has

360g flour

450g caster sugar

850g icing sugar

12 eggs

760g butter

Work out the greatest number of cupcakes that Nancy can make.

.....
(4)

11. Harry is making doughnuts to sell for a charity fundraiser.



Here is the list of ingredients needed to make 12 doughnuts.

Makes 12

300g flour

45g caster sugar

2 eggs

60g butter

He has 290g of caster sugar and plenty of the other ingredients.

Harry makes as many as possible and sells all the doughnuts for £1.80 each.

How much money does Harry raise for charity?

.....
(4)

12. The table shows information about the protein content of yoghurt bars.



	per 100g	per bar
Protein	5.75g	2.3g

The yoghurt bars are sold in 520g packs.

- (a) Work out how many bars there are in a pack.

.....
(2)

Snack size yoghurt bars are made using the same recipe.

Snack size bars are sold in 140g packs.

There are 5 bars in each pack.

- (b) Complete the table for the snack size biscuits.

	per 100g	per snack size bar
Protein	5.75g	

(3)

13. Adil is making concrete using cement, sand and gravel in the ratio 1 : 2 : 3



He has 43kg cement
83kg sand
151kg gravel

What is the maximum amount of concrete that Adil can make?

.....kg
(2)