

Maths Challenge!

Challenge 1 – Dinner Time!

You have been asked to make dinner tonight for your family. You have been given **£10** to spend on ingredients.

- Choose a recipe to make.
- Find the ingredients in the store and write down the prices.
- Calculate the total cost of the meal.
- Do you have enough money?
- How much change will you receive?

Today I am going to cook

The ingredients and prices are:

| | |
|----|--------|
| 1 | £..... |
| 2 | £..... |
| 3 | £..... |
| 4 | £..... |
| 5 | £..... |
| 6 | £..... |
| 7 | £..... |
| 8 | £..... |
| 9 | £..... |
| 10 | £..... |

How much did the meal cost in total? £.....

Did you have enough money? Yes No

How much change did you receive? £.....

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Challenge 2 – Bargain hunt.

Find the cheapest and most expensive item below work out the price difference.

Chocolate

Cheapest

Cost

Most expensive.....

Cost

Price Difference

Tea

Cheapest

Cost

Most expensive.....

Cost

Price Difference

Bread

Cheapest

Cost

Most expensive.....

Cost

Price Difference

Which product had the biggest difference?

Which product had the smallest difference?

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Challenge 3 – All change!

Find the items on the shopping list in the store and write down the prices.

Make sure you include the decimal places.

| | |
|---------------------------|--------|
| × Bread | £..... |
| × 1 pint of Milk | £..... |
| × 6 Eggs | £..... |
| × 250 grams butter | £..... |
| × 1 bag of carrots | £..... |
| × 1 litre of Orange Juice | £..... |
| × 1kg bag of Pasta | £..... |
| × 1 chocolate bar | £..... |
| × 1 jar of peanut butter | £..... |

If you had £15 to spend, how much change would you receive?

£.....

If you had £20, how much change would you receive?

£.....

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Challenge 4 - Snacks

You are in charge of buying 10 friends a flapjack.

Can you work out how much it will cost?

How much does a flapjack cost? £.....

Using multiplication can you work out how much money you will need?

I will need £..... to buy 10 flapjacks

Five of your friends change their mind and no longer want a flapjack.

Using division and your previous answer can you work out how much five flapjacks cost?

I will need £..... To buy 5 flapjacks.

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