

Fast Five

$$1127 \times 23 =$$

$$201.2 \times 7 =$$

$$802 \div 1000 =$$

$$5068 \div 23 =$$

$$\underline{\hspace{2cm}} = 18,302 + 4562$$

Fast Five

$$1127 \times 23 = 25,921$$

$$201.2 \times 7 = 1408.4$$

$$802 \div 1000 = 0.802$$

$$9568 \div 23 = 416$$

$$\underline{22864} = 18,302 + 4562$$

Can I solve addition
problems?

When we are problem solving, we can use our ReflectEd questions to help us:

- What do I have to find out?
- Where should I start?
- How am I going to solve the problem?

Item:	Price per item:
Chocolate bar	£1
Apple	£0.20
Cupcake	£1.30
Pack of sweets	£2.10

Tom went to the shops with a budget of £10. He bought one packet of sweets, two apples and one cupcake. How much did he spend in total?

Think about these 3 key questions:

- What do I have to find out?
- Where should I start?
- How am I going to solve the problem?

Item:	Price per item:
Chocolate bar	£1
Apple	£0.20
Cupcake	£1.30
Pack of sweets	£2.10

Tom went to the shops with a budget of £10. He bought one packet of sweets, two apples and one cupcake. How much did he spend in total?

Think about these 3 key questions:

- What do I have to find out?
How much Tom has spent.
- Where should I start?
At the price list.
- How am I going to solve the problem?
By adding the value of the items Tom bought.

Item:	Price per item:
Chocolate bar	£1
Apple	£0.20
Cupcake	£1.30
Pack of sweets	£2.10

Tom went to the shops with a budget of £10. He bought one packet of sweets, two apples and one cupcake. How much did he spend in total?

1 packet of sweets + 2 apples + 1 cupcake = Tom's total spending

2.10

0.20

0.20

+1.30

3.80

Answer = £3.80

Sarah needs a total of 3500 bricks to complete her building project. She already has 1050 bricks. How many more bricks will Sarah need?

Think about these 3 key questions:

- What do I have to find out?
- Where should I start?
- How am I going to solve the problem?

Sarah needs a total of 3500 bricks to complete her building project. She already has 1050 bricks. How many more bricks will Sarah need?

This question is similar to the addition questions we practised.

You could think of this question as looking like this:

$$\underline{\quad\quad} + 1050 = 3500$$

Now, try to solve the problem.

Sarah needs a total of 3500 bricks to complete her building project. She already has 1050 bricks. How many more bricks will Sarah need?

This question is similar to the addition questions we practise.

You could think of this question as looking like this:

$$2450 + 1050 = 3500$$

Answer = 2450 bricks

Depending on how confident you feel, try one of the activities below:

Red:

Red

1) Martin is collecting bottle caps. He has 1,350 red bottle caps and 2,473 blue caps. How many bottle caps has Martin collected?

2) Carrot- 60g Potato- 100g Parsnip- 110g
Charlotte is shopping for vegetables. She wants to know the weight of her shopping. Charlotte buys 2 carrots, 3 potatoes and 1 parsnip. How much does her shopping weigh?

3) At Tracy's school there are 4,650 children in total. If 2,202 children are boys, how many are girls?

4) Michelle sells tickets for concerts. She needs to sell 23,518 tickets to meet her target. So far she has sold 17,901 tickets. How many more tickets will Michelle need to sell in order to meet her target?

5) Red block- 6.5cm Blue block- 7cm Yellow block-
5.6cm Green block- 9.7cm

Timothy is building a tower out of blocks. He wants to use at least one of each colour and his tower needs to be 42.3cm tall. What combination of blocks will Timothy use?

Yellow:

Yellow

1) At Tracy's school there are 4,650 children in total. If 2,202 children are boys, how many are girls?

2) Michelle sells tickets for concerts. She needs to sell 23,518 tickets to meet her target. So far she has sold 17,901 tickets. How many more tickets will Michelle need to sell in order to meet her target?

3) Red block- 6.5cm Blue block- 7cm Yellow block- 5.6cm
Green block- 9.7cm

Timothy is building a tower out of blocks. He wants to use at least one of each colour and his tower needs to be 42.3cm tall. What combination of blocks will Timothy use?

4) Colchester Council wants to know how many pupils go to school on School Road. Monkwick Junior School has 590 pupils. Monkwick Infant school has 234 girls and 212 boys. TLA had 1956 pupils last year but their total has increased by 178. How many pupils are there in total?

5) A team of scientists tracked the travels of a blue whale over three weeks. In its first week, the whale travelled 12,986 miles. The next week, it travelled another 13,687 miles. In week three, the whale travelled even further. In total it covered 49,790 miles. How far did the whale travel in week 3?

Green:

Green

- 1) Red block- 6.5cm Blue block- 7cm Yellow block- 5.6cm
Green block- 9.7cm

Timothy is building a tower out of blocks. He wants to use at least one of each colour and his tower needs to be 42.3cm tall. What combination of blocks will Timothy use?

- 2) Colchester Council wants to know how many pupils go to school on School Road. Monkwick Junior School has 590 pupils. Monkwick Infant school has 234 girls and 212 boys. TLA had 1956 pupils last year but their total has increased by 178. How many pupils are there in total?

- 3) A team of scientists tracked the travels of a blue whale over three weeks. In its first week, the whale travelled 12,986 miles. The next week, it travelled another 13,687 miles. In week three, the whale travelled even further. In total it covered 49,790 miles. How far did the whale travel in week 3?

- 4) Orange juice- 250ml Apple juice- 1.2l Water-1.5l
Cola- 330ml

Carol went to buy drinks for her party. She bought 4 bottles of orange juice, 2 bottles of apple juice, 1 bottle of water and 3 cans of cola. How much drink has Carol bought in litres?

- 5) There are leaflets in a box. Leanna takes 700. Matthew takes 672. The remaining leaflets go to Joe and Kate. Joe gets 989 leaflets. Kate has double the amount of leaflets as Joe. How many leaflets were in the box?