Fast 5

45 x 56.6   45879 + 36521

635.2 x 100

856.4 ÷ 10   ⅞ of 96

Fast 5

45 x 56.6 = 2547   45879 + 36521 = 82400

635.2 x 100 = 63520

856.4 ÷ 10 = 85.64   ⅞ of 96 = 84

Can I solve multiplication problems?

When we need to solve multiplication problems of any type, we know that there are a series of methods we can use to do so.

Generally, we're going to be using column multiplication, although it's possible that we might be able to solve simpler problems in our heads.

Remember that if we need to use a decimal point, it needs to be consistently in the same place.

Ava buys 5 bunches of flowers. Each bunch costs £2.75. How much does she pay altogether?

Remember, when we look at a question like this, we need to think about 3 things:

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

Ava buys 5 bunches of flowers. Each bunch costs £2.75. How much does she pay altogether?

- What do I have to find out?

  How much Ava has paid

- Where should I start?

  Multiplying the amount a bunch of flowers costs by the amount of bunches bought

- How am I going to solve the problem?

  Column multiplication using a decimal point in the correct place

$$\begin{array}{r} £2.75 \\ 5. \quad \times \\ \hline £13.75 \\ {\scriptstyle 3 \quad 2} \end{array}$$

We need to multiply the amount of bunches bought (5) by the amount each bunch of flowers has cost (£2.75)
Making sure to keep the decimal point in the same place throughout, we find out that Ava has spent £13.75