

Please begin the lesson by completing a multiplication test game on either MathsFrame, Timestables.co.uk or Hit the Button.

Lesson:

Today we will be looking at how to solve multi-step problems. These are problems that use multiple steps to solve them and often use more than one of the 4 operations.

Let's look at a question together:

9 pencils cost £18.00. 1 pencil and 1 rubber costs £3.50.

What is the cost of one pencil? What is the cost of one rubber?

*To work this out, we need to divide 18 by 9. We will do this to find out what one pencil is worth.*

*So, if 9 pencils cost £18.00, 1 pencil must cost  $£18.00 \div 9$  which is £2.00.*

**1 pencil costs £2.00.**

*We then move onto the second step in the question. 1 pencil and 1 rubber costs £3.50.*

*We now know that one pencil costs £2.00, so we need to take £2.00 away from £3.50 to leave us with the price of the rubber.*

$£3.50 - £2.00 = £1.50.$

**1 rubber costs £1.50.**

**Problem solved! 😊**

Have a go at the worksheet on the website which is full of multi-step problems to solve. Then complete the tasks set on mathletics.