

# **Maths** Addition, Subtraction, Multiplication and Division



Maths | Year 6 | Addition, Subtraction, Multiplication and Division | Short Division | Lesson 2 of 4: Engines Ready

# **Engines Ready**



#### Aim

• I can divide numbers by a two-digit number using short division.

#### **Success Criteria**

- I can use known multiplication facts to complete calculations.
- I understand why place value is important whilst performing written calculations.
- I can use a written method to solve a calculation.
- I can divide numbers by a two-digit number using short division.



### Make Me a Number







There are 2937 race programmes. The booklets are shared equally between 11 boxes. How many programmes are in each box?





First, we need to read the question and highlight any key words.





There are 2937 race programmes. The booklets are shared equally between 11 boxes. How many programmes are in each box?





Let's have a go at a different problem involving four-digit numbers.





There are 5284 souvenir trophy replicas. Each box must contain 12 trophies. How many boxes are needed? Are there any trophies remaining?





Let's have a go at a different problem involving four-digit numbers.

The race driver's prize fund of £5227.20 is split equally between his 12 chosen charities. How much money does each charity receive?

First, we need to read the question and highlight any key words.

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# **Race Day Problems**



It takes a driver 1935 seconds to complete 15 laps. What is the average time taken to complete one lap of the track?





# **Race Day Problems**



It costs £8568 for 12 spare tyres. How much does each tyre cost?





# **Race Day Problems**







# **Engines Ready**



Use your marvellous maths skill to complete these activities:





#### Diving into Mastery

#### Dive in by completing your own activity!





# Three Stars and a Wish



Discuss with the person next to you three things that you did well this lesson and one thing that you would like to improve on.





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