

Challenge

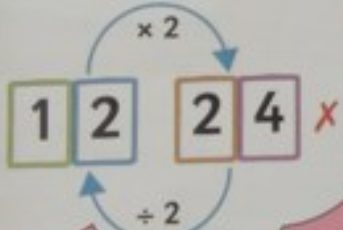
Using a set of 0-9 digit cards, investigate making pairs of numbers where one number is double the other number.



You will need:
• set of 0-9 digit cards

Think about ...

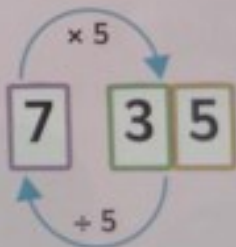
You can't use the same digit card twice when making pairs of numbers, such as



Think about recording your results as multiplication and division number sentences.

What if?

What if you can use the same digit card twice when making pairs of numbers?
What about using the cards to make pairs of numbers so that one number is five times the other number?



When you've finished, turn to page 80.

Challenge



Use these numbers and signs to make multiplication number sentences.

$$2 \times 4 =$$

$$\square \times \square =$$

How many different multiplication number sentences can you make?

Think about ...

Make sure that you also work out the answer to each number sentence.



Try to find a system so that you can write as many number sentences as possible.

What if?

What division number sentences can you make if a division card replaces the multiplication card?
How many different division number sentences can you make?

$$10 \div 2 =$$

When you've finished, turn to page 80.