Percentages

Challenge

0 1 2 3 4 5 6 7 8 9

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

How many of these percentage statements can you make using five of the 0–9 digit cards?

☐☐ % × ☐☐ = ☐

$25\% \times 16 = 4$

$12\% \times 50 = 6$

You can't use the same digit twice in a statement.

Think about ...

Think about equivalent fractions and decimals to help you write different statements.
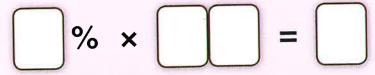
Start with percentages such as 10%, 20%, 25%, 50% and 75%.

What if?

What if you use four of the 0–9 digit cards?

How many of these percentage statements can you make?

☐ % × ☐☐ = ☐

What if you use six of the 0–9 digit cards?

How many of these percentage statements can you make?

☐☐ % × ☐☐ = ☐☐

When you've finished, turn to page 80.

17