

**LO: Multiplying by 100**

In this lesson we're practising multiplying by 100. We make the number 100 times bigger by adding two zeroes. Key to this learning is also the knowledge that there are 100 centimetres in 1 metre.

**Activity 1**

There are 100 centimetres in 1 metre.

Convert the lengths of rope to centimetres by multiplying by 100.



8m



5m



12m



21m

**Activity 2**

Use  $>$ ,  $<$  or  $=$  to make the statements correct.

$3 \times 100$    $100 \times 7$

$12 \times 100$    $100 \times 10$

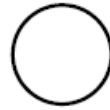
$65 \times 100$    $100 \times 56$

$32 \times 100$    $100 \times 32$

### Activity 3

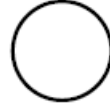
Use  $<$ ,  $>$  or  $=$  to make the statements correct.

$75 \times 100$



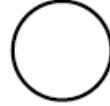
$75 \times 10$

$39 \times 100$



$39 \times 10 \times 10$

$460 \times 10$



$100 \times 47$

### Challenge

The perimeter of the rectangle is 26 m.

Find the length of the missing side.

Give your answer in cm.

