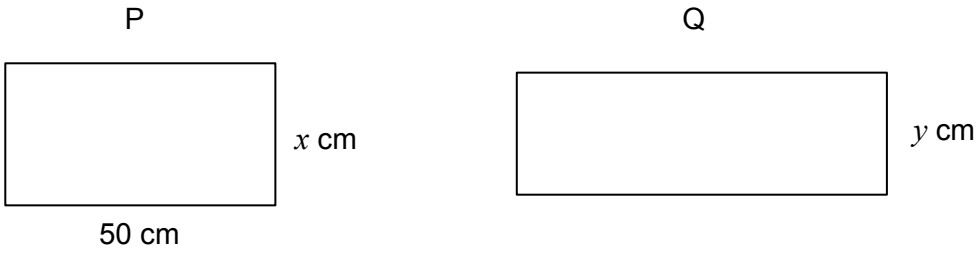
Do not write outside the box

**17** P is a rectangle with length 50 cm and width $x$ cm

Q is a rectangle with width $y$ cm

Not drawn accurately




The length of Q is 20% **more** than the length of P.

The area of Q is 10% **less** than the area of P.

Work out the ratio $x : y$

Give your answer in its simplest form.

AK17A

**[4 marks]**

Answer _____ : _____