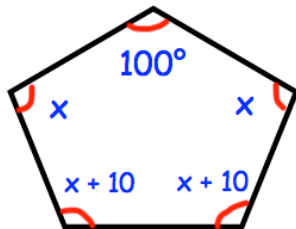


17th August

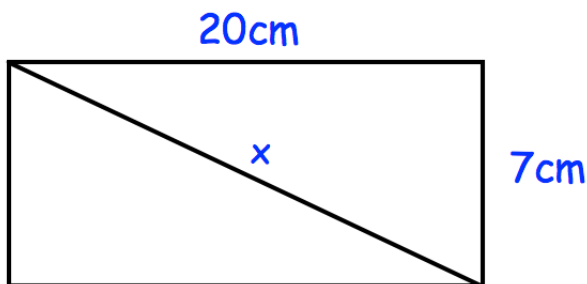
Corbettmaths

$$\frac{99}{100}, \frac{97}{95}, \frac{95}{90}, \frac{93}{85}, \dots \dots$$

Find the nth term



Find x



Find the length of the diagonal of the rectangle.

The mass of Earth is 5.97×10^{24}
 The mass of Jupiter is 1.898×10^{27}

Work out how many times heavier
 Jupiter is than Earth.
 Give your answer to one decimal
 place.

A line has equation $y = -4x$

 Write down the gradient of the line

Write down the y-intercept of the line