

Name: \_\_\_\_\_

5-a-day

Foundation Plus

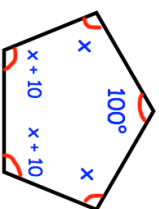
17th August



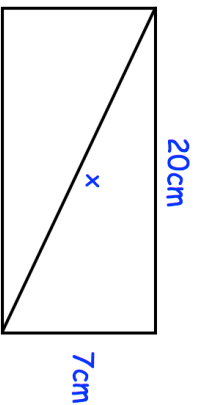
$\frac{99}{100}, \frac{97}{95}, \frac{95}{90}, \frac{93}{85}, \dots$

Find the nth term

Find x



Find the length of the diagonal of the rectangle.



The mass of Earth is  $5.97 \times 10^{24}$   
The mass of Jupiter is  $1.898 \times 10^{27}$

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 y-intercept of the line

Write down the gradient of the line

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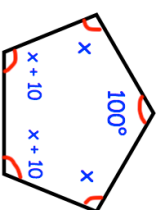
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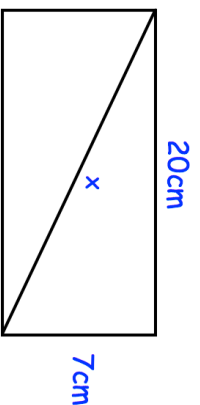
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