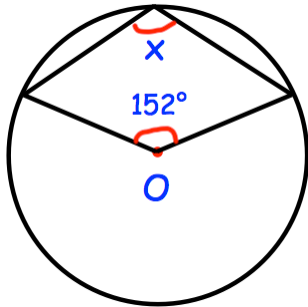m is an irrational number such that

$6 < m < 7$

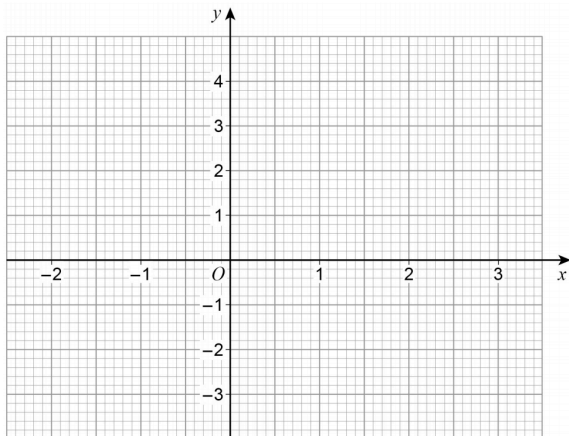Write down a possible value of m

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Find x

$$s = ut + \frac{1}{2}at^2$$

Make u the subject

Draw the graph of $y = x^2 - x - 2$

The graph of $y = x^2 - x - 2$ has a line of symmetry.

Write down the equation of the line of symmetry

By drawing an appropriate linear graph, solve $x^2 - 2x - 2 = 0$