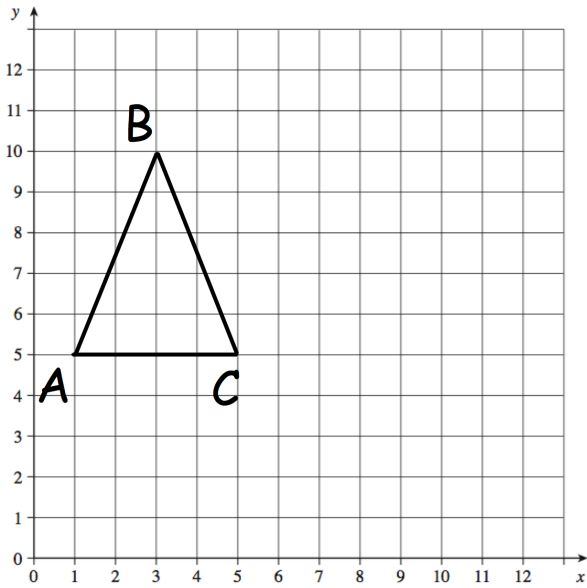




C is directly proportional to the square root of W.

Find C in terms of W.

When $C = 12$ and $W = 16$

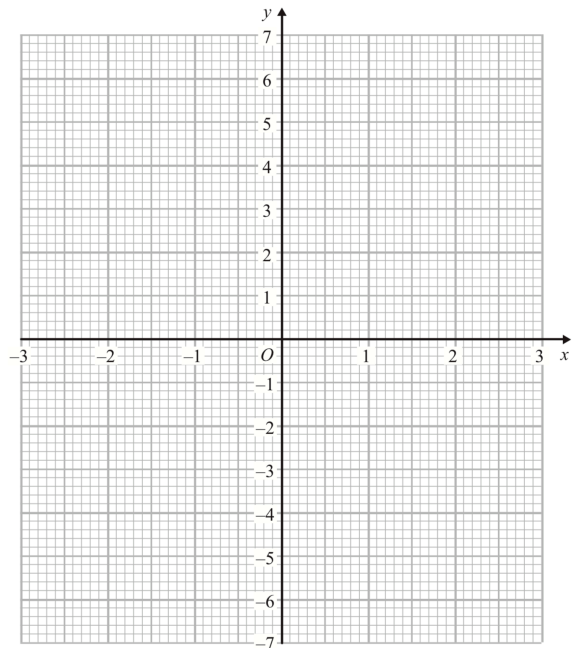


Enlarge triangle ABC using scale factor $-\frac{1}{2}$ and $(7, 5)$ as the centre of enlargement.

Factorise fully

$$(x - 1)^2 + 7(x - 1)$$

Draw the graph $y = x^2 + x - 5$



Use your graph to estimate the solutions to $x^2 + x - 5 = -1$