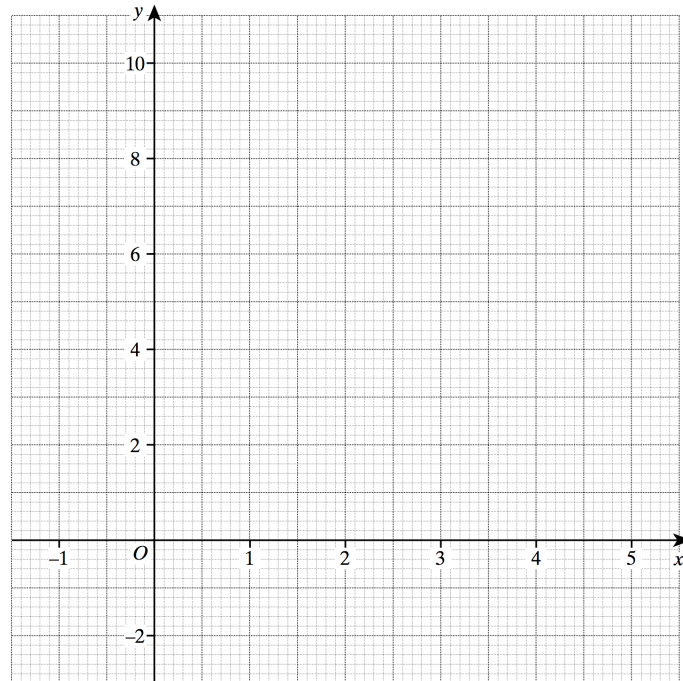




Megan is going to drive 160 miles from Redville to Castletown.
There are road works for 15 miles of the journey.
Megan thinks that her average speed will be 40mph where there are road works and 65mph for the rest of the journey.

Work out how long the journey should take



Draw $y = x^2 - 4x + 3$

Write down the coordinates of the turning point of the graph

Given $f(x) = x^2 - 4x + 3$

Use your graph to find an estimate for $f(0.5)$

Use your graph to find estimates for the roots of $f(x) = 4$