
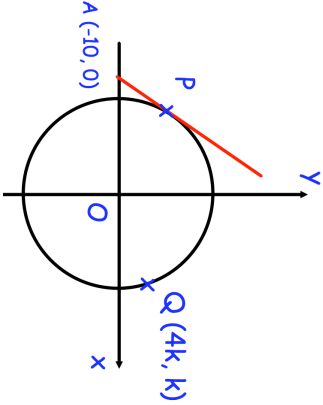

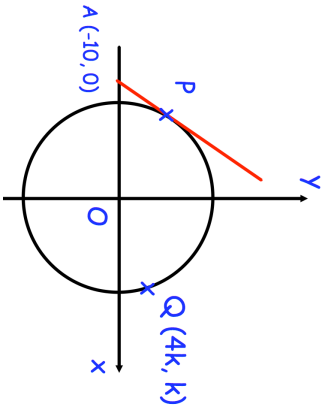


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| 7th July | Corbettmaths  |
| <p>A car travelled for 135 minutes, to the nearest 5 minutes. It travelled for a total distance of 120 km, to the nearest 10km</p> | |
| <p>Work out the greatest possible average speed, in m/s</p> | |
| <div style="text-align: center;">  <p>AP is a tangent to the circle. Angle OAP = 60°</p> <p>Find the value of k to 2 decimal places.</p> </div> | |
| <p>x is an obtuse angle.</p> | Find cos(x) |
| <p>Given</p> $\sin(x) = \frac{5}{13}$ | |
| <p>Rationalise the denominator of</p> $\frac{2 + \sqrt{3}}{\sqrt{5} - 1}$ | |

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