

12th February

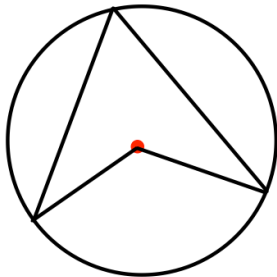
Corbettmaths

Make a the subject

$$\frac{1}{a} - \frac{1}{b} = \frac{1}{c}$$

Solve $x^2 - 4x - 11 = 0$
using completing the square.Here are the first 5 terms of a quadratic
sequence

9 17 29 45 65

Find an expression, in terms of n, for the
nth term of this quadratic sequence.Prove that the angle at the centre is
twice the angle at the circumference.The minimum point of a quadratic
graph in the form $y = x^2 + ax + b$ is
(6, 3).

Find a and b.