

12th December

Corbettmaths

Make p the subject of the formula

$$p - 2 = \pi(y - 3p)$$

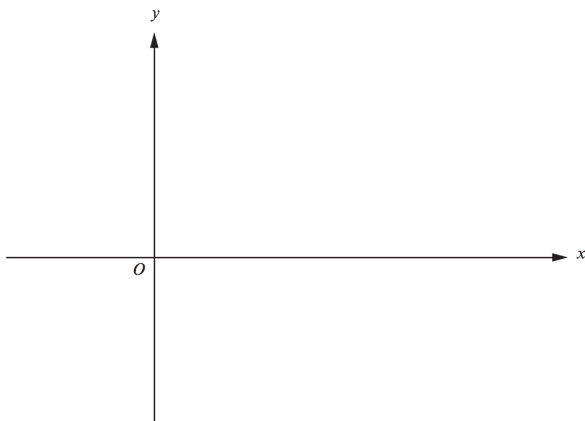
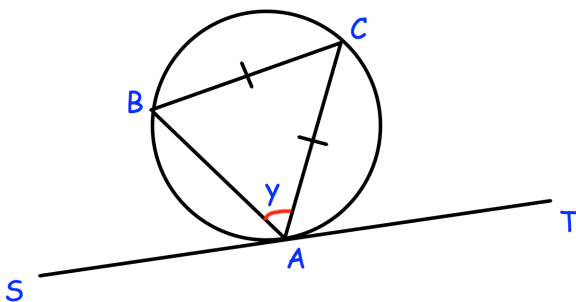
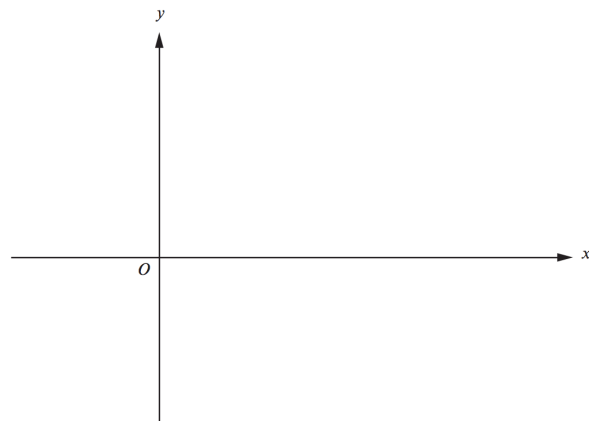
An approximate solution to an equation is found by using this iterative process.

$$x_{n+1} = 1 + \frac{1}{x_n}$$

Given

$$x_1 = 1$$

Work out the solution to 3 decimal places

Sketch $y = 3 + \sin x$ Sketch $y = \sin(-x)$ Find an expression for angle SAT in terms of y .