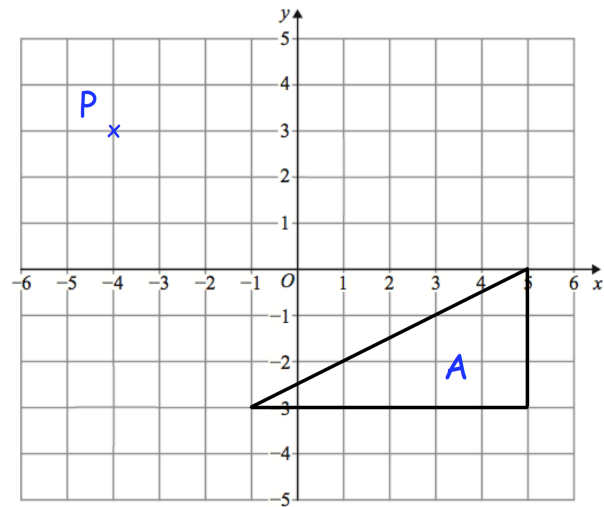




Enlarge triangle A by scale factor $\frac{1}{3}$
using P as the centre of enlargement.



Write 0.04184 correct to two significant figures.

The first three terms of a Fibonacci sequence are

$$x \quad 2y \quad x + 2y$$

Find the 4th term of this sequence

Make w the subject

$$a + c = 8w - 2c$$

An empty olympic sized swimming pool has a length of 50m, a width of 25m and a depth of 2m.

The pool is going to be filled with a garden hose at rate of 50 litres per minute.

$$1\text{m}^3 = 1000 \text{ litres}$$

How long will it take to fill the pool?
Give your answer to the nearest day.