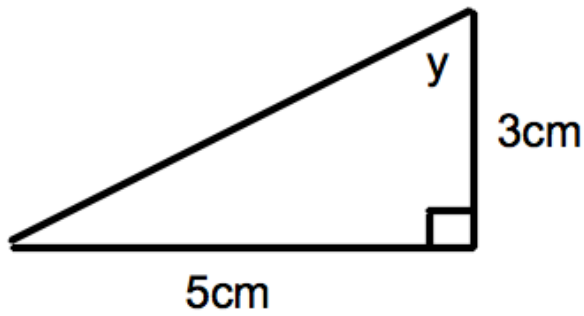


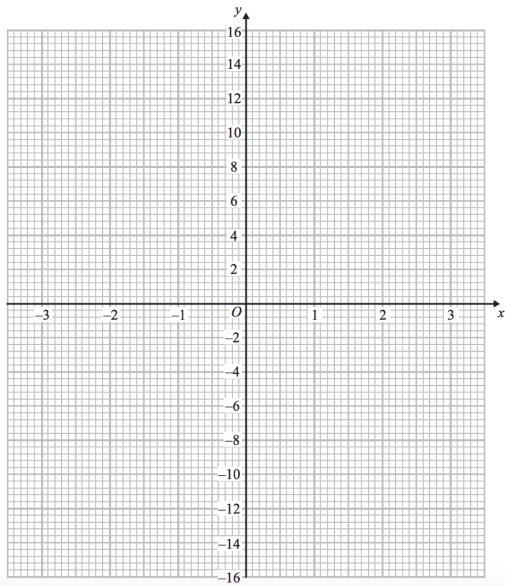
10th December



Corbettmaths

Calculate angle y

On the grid, draw the graph of $y = -x^3 - x + 2$ for the values of x $-2 \leq x \leq 2$



The pressure of a tyre is 34 pounds per square inch.

Given 1 pound = 0.4536 kilograms
1 inch = 2.54 centimetres

Work out the pressure in grams per square centimetre.

Kevin writes down a 5 digit number.

- It is less than 80,000.
- It is a multiple of 5.
- The middle digit is a prime number.

How many different possible numbers could Kevin have written down?