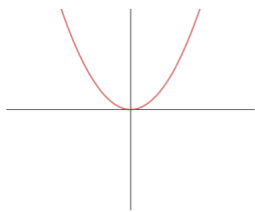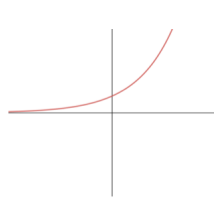**17th December**

Corbettmaths

Jim picks a five digit odd number.
The second digit is greater than 3.
The fourth digit is a positive cube number.
The first digit is a prime number.
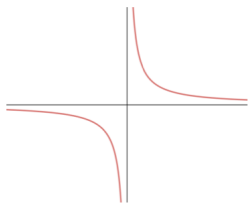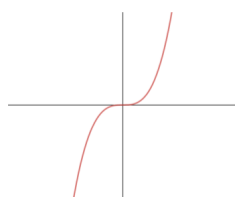
How many different numbers could he pick?
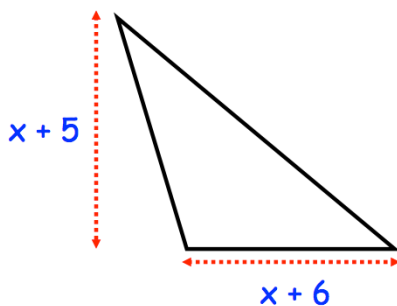
Graph A

Graph B

Graph C

Graph D

$y = x^2$ is graph **A**

$y = x^3$ is graph ....

$y = 2^x$ is graph ....

$y = \dfrac{1}{x}$ is graph ....

Find A, B, C and D

$$x^3 - 6 \equiv (x - 2)(Ax^2 + Bx + C) + D$$

Shown is a triangle with area 19cm².
Find the value of x

x + 5

x + 6