

8th February

Corbettmaths

A circle has equation

$$x^2 + y^2 = 8$$

Find the area of the circle.

Find the equation of the tangent to the circle $x^2 + y^2 = 25$ at the point (5, 0)

Prove

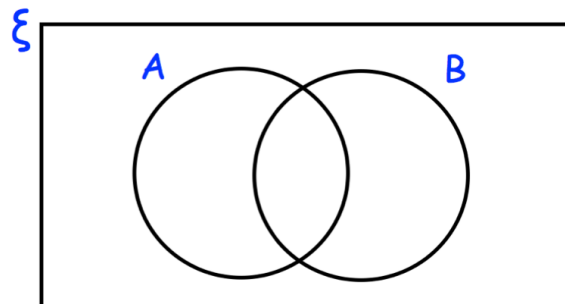
$$-3x^2 - 2x + (2x + 1)^2$$

is never negative

 $\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16\}$

A = square numbers

B = multiples of 4.



Which is less likely?

P(square number given multiple of 4)

P(multiple of 4 given square number)