Name: _____ 5-a-day Higher

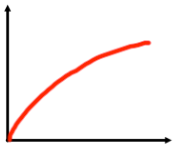
25th April

Corbettmaths

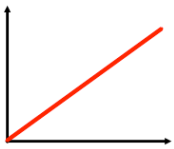
Solve $5x^2 - 11x - 4 = 0$ using the quadratic formula.

Anthony measured the length and width of a rectangle.
He measured the length to be 18cm correct to the nearest centimetre.
He measured the width to be 10cm correct to the nearest 10 centimetres.

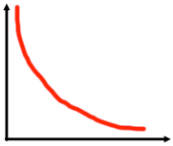
Calculate the lower bound for the area of this rectangle.



$y \propto \frac{1}{x}$



$y \propto \sqrt{x}$



$y \propto x$

Match each graph to the correct relationship.

Simplify $\sqrt{18}$

Find the exact value of
$\sin(90°) + \cos(60°)$