

30th June	Corbettmaths
Evaluate $\left(1 \frac{11}{25}\right)^{-\frac{1}{2}}$	
The line l_1 has equation $2x + 3y + 5 = 0$ The line l_2 has equation $y = 8x - 10$	Find the distance AB.
The line l_1 crosses the x-axis at the point A. The line l_2 crosses the y-axis at the point B.	
x is directly proportional to w^2 When $w = 4$, $x = 48$ y is inversely proportional to x^3 When $x = 2$, $y = 14$ Find a formula for y in terms of w . Give your answer in its simplest form.	
$f(x) = \sin x$ $g(x) = x - 90$ Draw $y = fg(x)$	
There are n counters in a bag. Two counters are white and the rest are green. Two counters are taken from the bag at random.	Find the probability, in terms of n , that both counters are green.

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