10th November	Higher	5-a-day
Solve the simultaneous equatio	ns	Corbettmαths
7x - 15y = 2.5		
3x - 2y = 5.5		
Simplify fully		
$x^2 + 8x$		
$\frac{x^2 + 8x}{x^2 + 10x + 16}$		
Y 120 100 80 60		A greengrocer sells bananas and apples. In one day he sells up to 80 bananas up to 90 apples no more than a total of 110 pieces of fruit Let x be the number of bananas sold Let y be the number of apples sold.
40-20-		Show the region below that satisfies these inequalities
0 20 40 60 80	100 120 ×	
Given that		
a:b=5:2 and b:c = 9:11		
Find the ratio a : c		
Give your answer in its simplest form.		