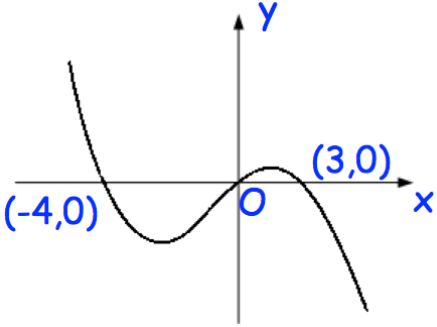


Feb 15th	5-a-day	Core 1
<p>Find the set of values of x which satisfies both of these:</p> $x^2 - 4x \geq 21$ $5x + 7 < 8$		
<p>Find the equation of the straight line passing through $(-4, 3)$ and $(2, 5)$. Give your answer in the form $ax + by + c = 0$, where a, b and c are integers.</p>		
	Write down the equation of the curve.	
<p>Work out</p> $\sum_{r=20}^{30} 4r + 3$		
<p>A curve has equation $y = f(x)$, $x \neq 0$, and passes through $(1, 10)$. Given</p> $f'(x) = \frac{10x^2 + 4}{\sqrt{x}} + 4$	Find $f(x)$	