27th September	**Higher Plus 5-a-day**
The point C has coordinates (2, –3) and the point D has coordinates (4, 6). Find the equation of the line perpendicular to CD and passing through D.	
$a = \frac{\sqrt{m}}{p}$ m = 2.46 correct to 3 significant figures p = 1.045 correct to 4 significant figures	By considering bounds, work out the value of *a* to a suitable degree of accuracy
Simplify the ratio $\sqrt{27} : \sqrt{75} : \sqrt{1200}$	
Find the minimum point of the graph $y = x^2 - 6x - 2$	
$f(x) = x^2 + 4$ $g(x) = x - 9$ Solve $fg(x) = gf(x)$	