


23rd Feb	
Expand and simplify $(x + 3)(x - 7)^2$	 Corbettm0ths
C has coordinates (2, 8) D has coordinates (6, y) E has coordinates (-5, 0) Given angle CDE is 90° , find y.	
Given $f'(x) = 3x^2 + \sqrt[3]{x}$ Find f(x)	
Solve $\frac{8^{3x}}{4^{x+1}} = \sqrt{2}$	
Find the number of terms required for the sum $3+9+15+21+\dots$ to exceed 1000	