28th November	Higher Plus 5-a-day
Solve the simultaneous equati	ons Corbettmαths
$9^x \times 27^{2-y} = 3\sqrt{3}$	
3x + 2y = 3	
Expand and simplify	
$(3+\sqrt{8})(4+\sqrt{2})$	
H 10cm J	HIJK is a triangle based pyramid. The base HIJ is an equilateral triangle with side 10cm. The volume of the pyramid is 300cm ³ . Calculate the perpendicular height, <i>h</i> , of the pyramid.
The point $(-6, -7)$ is the turni of the graph $y = x^2 + ax + b$	ng point
Find a and b	
C and D are two independer events	nt
P(C) = 0.6	
P(D') = 0.3	

Find P(C∩D)