24th May Higher Pl	us 5-a-day
Solve the simultaneous equations $\frac{1}{4}y = x$ $y = x^2 + 3$	Corbettmaths
40 volunteers are asked to taste 3 different types of coffee, A, B and C. 13 liked coffee A 33 liked coffee B 17 liked coffees C 11 liked coffees A and B 13 liked coffees B and C 6 liked coffees A and C 5 liked all three types of coffee. Draw a Venn diagram to show this information	A volunteer is chosen at random. Find the probability that they liked at least two different types of coffee.
Sketch the graph of $y = \cos x$ for $0 \le x \le 360$ .	Y, 1-1 ○ 90 180 270 360 ★ -1
The sketch shows a curve with equation y = ab <sup>x</sup> where a and b are positive constants. The curve passes through the points (2, 90) and (4, 810) Calculate the value of a and b	(4, 810) (2, 90)