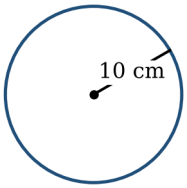
Day 322	B Tier 10-a-day
1 (a) Convert 8000 ml to litres. (b) Convert 4 000 000 cm^3 to m^3.	
2 Work out (a) 80% of £360 (b) 85% of 200	
3 The diagram shows a circle with radius 10 cm. (Calculator) Work out the circumference of the circle. Give your answer correct to 1 decimal place. The diagram is not drawn accurately. 	
4 Find the (a) highest common factor (HCF), (b) lowest common multiple (LCM) of 18 and 21.	
5 A rectangle is 24 cm long and 7 cm wide. Work out the length of a diagonal of the rectangle.	

Day 322	B Tier 10-a-day
6 Farah bought a games console for £800 and sold it for £440. Work out the percentage loss.	
7 Simplify fully $\frac{x^2 + 8x}{x}$	
8 The mean of 5 numbers is 28. Four of the numbers are 26, 30, 27, 29. Work out the fifth number.	
9 Make v the subject of the formula $a = \frac{v - u}{t}$	
10 A bag contains 5 black socks and 3 white socks. Liam takes one at random, replaces it, then takes a second. Work out the probability that both are black.	