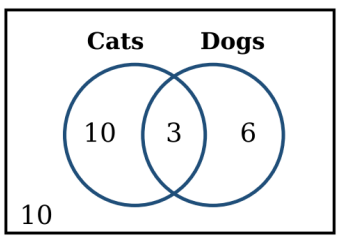
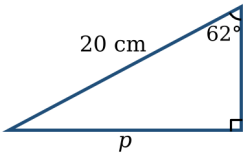
Day 33	B Tier 10-a-day
1 Triangle XYZ is isosceles with XY = XZ. Angle YXZ = 68°. Work out the size of angle XYZ.	
2 Solve n + 5 = 8	
3 In a pie chart showing the answers of 180 people, the angle for water is 40°. How many people chose water?	
4 Write 60 as a product of its prime factors. Give your answer in index form.	
5 The Venn diagram shows information about 29 people in a street. One of them is chosen at random. Find the probability that the person chose neither Cats nor Dogs. 	

Day 33 **B Tier 10-a-day**

6 Make t the subject of the formula
v = u + at

7 Work out the length of p. (Calculator)
Give your answer correct to 1 decimal place.
The diagram is not drawn accurately.



8 (a) Will scores 8 out of 40 in a quiz. Write this as a percentage.
(b) Write 65p as a percentage of £5.

9 Complete the table of values for $y = x^2 + 2x - 3$

x	−2	−1	0	1	2	3
y			−3	0		

10 The probability that it rains on Saturday is 0.5.
The probability that it rains on Sunday is 0.1.
The events are independent.
Work out the probability that it rains on both days.