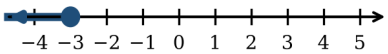
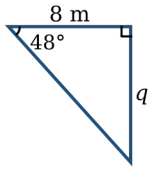
Day 200	B Tier 10-a-day
1 (a) Convert 750 mm to m. (b) Convert 30 000 cm^2 to m^2.	
2 Here are the amounts needed to make soup for 6 people. 180 g of lentils, 360 g of carrots Work out the amounts needed to make soup for 3 people.	
3 Write these in order of size. Start with the smallest. $\frac{8}{25}$, 50%, 60%, 0.85	
4 Write down the inequality shown on the number line. Use x for the variable. 	
5 Write these numbers in order of size. Start with the smallest. 6.3×10^1, 550,000, 6×10^{-5}, 700	

Day 200	B Tier 10-a-day
6 9 workers take 4 days to dig a trench. All the workers work at the same rate. How long would it take 4 workers?	
7 Calculate the length of q. (Calculator) Give your answer correct to 1 decimal place. The diagram is not drawn accurately. 	
8 Factorise $9x^2 - 121$	
9 Two fair six-sided spinners are spun. Work out the probability that the product of the two scores is odd.	
10 The number x is rounded to the nearest 10. The result is 100. Write down the error interval for x.	