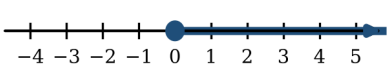
Day 80	B Tier 10-a-day
1 The angles in a triangle are x°, 2x° and (x + 60)°. (a) Work out the value of x. (b) Work out the size of the largest angle.	
2 A shop has 36 T-shirts. $\frac{2}{3}$ of the T-shirts are blue. How many are not blue?	
3 WXYZ is an isosceles trapezium with WX parallel to ZY. Angle ZWX = 67°. (a) Write down the size of angle WXY. (b) Work out the size of angle WZY.	
4 A tap fills a tank at a rate of 12 litres per minute. The tank holds 96 litres. How long does it take to fill the empty tank?	
5 Write down the inequality shown on the number line. Use x for the variable.  	

Day 80	B Tier 10-a-day
6 Work out (a) 0.08 ÷ 0.04 (b) 20 ÷ 0.5	
7 A cyclist travels at 54 km/h. Work out its speed in metres per second.	
8 In triangle PQR, PQ = 11 m, QR = 12 m and angle PQR = 62°. (Calculator) Work out the area of the triangle. Give your answer correct to 1 decimal place.	
9 £200 is invested for 2 years at 3% compound interest per year. (Calculator) Work out the total interest earned.	
10 The angles in a triangle are x°, (2x + 28)° and (3x − 10)°. (a) Work out the value of x. (b) Work out the size of the largest angle.	