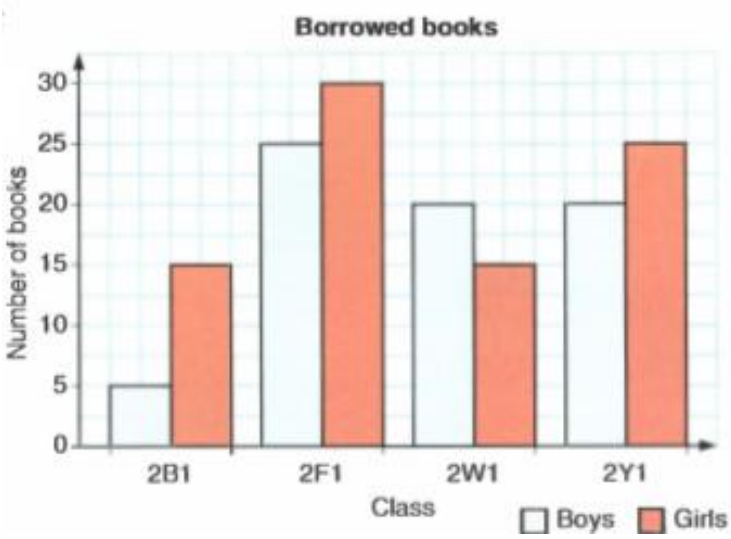
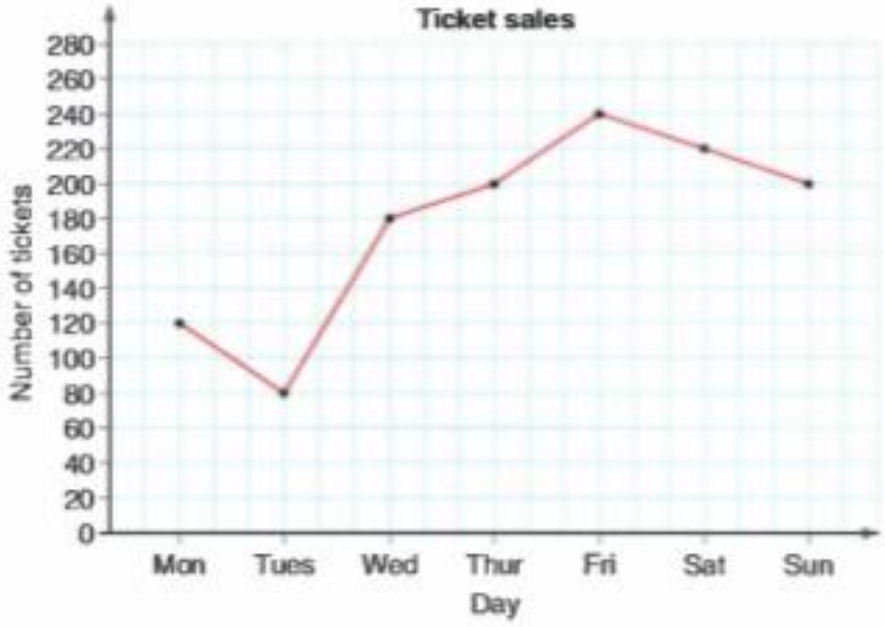
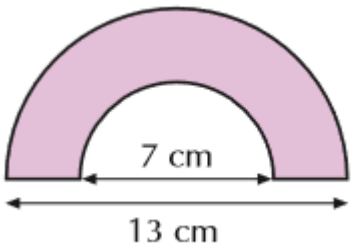
	Non Calculator Section	
1	Calculate: a) 4 - (-2) b) 12 ÷ -3 c) (-4 - 1) × 6	3
2.	Let y= 5 + 8x. Find the value when: a) x = 3 b) x = -2	4
3.	Solve the following inequalities: a) 2x - 7 > 23 b) 3(x + 2) ≥ 15	5
4.	Find the area of a circle with radius 10cm	3
5.	 The school librarian has recorded the books taken out by classes. (a) Which class took out least books? (b) In which class did the boys borrow 25 books? (c) Who borrows most books, boys or girls? Justify your answer.	4

	Calculator Section	
1.	The minute hand of a clock has a length of 13 cm. Calculate the distance travelled by the outside of the minute hand in one hour. Give your answer to one decimal place. 	3
2.	The weights, in kilogrammes, of babies born last week in a hospital are shown in the stem and leaf diagram. (a) How many babies were born? (b) What was the range in weights? (c) What was the median weight? (d) Calculate the mean weight. **Baby weights (kg)** 1 | 7 2 | 0 3 5 6 6 7 7 3 | 0 1 2 2 3 3 4 4 5 5 6 6 6 6 8 9 9 4 | 1 1 2 4 Key 2 | 5 represents 2·5 kg	5
3.	Find: a) $\frac{3}{8}$ of 104 b) $\frac{5}{12}$ of 132	2
4.	A shop is having a 15% off everything sale. A TV usually costs £920. How much will the TV cost in the sale?	3

5.	 This line graph shows the ticket sales at a cinema over one week. (a) How many tickets were sold on Monday? (b) Which was the quietest day? (c) On which day were 200 tickets sold? (d) How many more tickets were sold on Thursday than on Monday? (e) How many tickets were sold over the whole weekend (Saturday and Sunday)?	5
6.	Find the total area of this shape:  Find the perimeter of the shape.	6 4
	End of Paper	