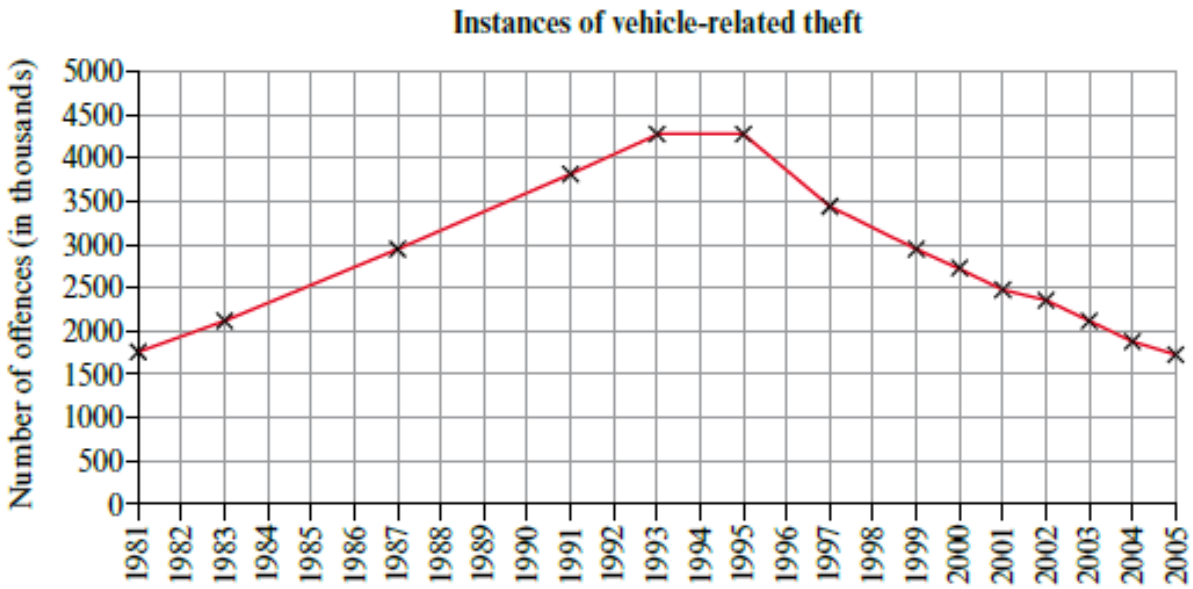
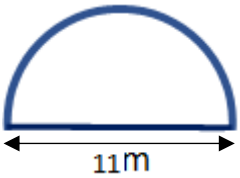
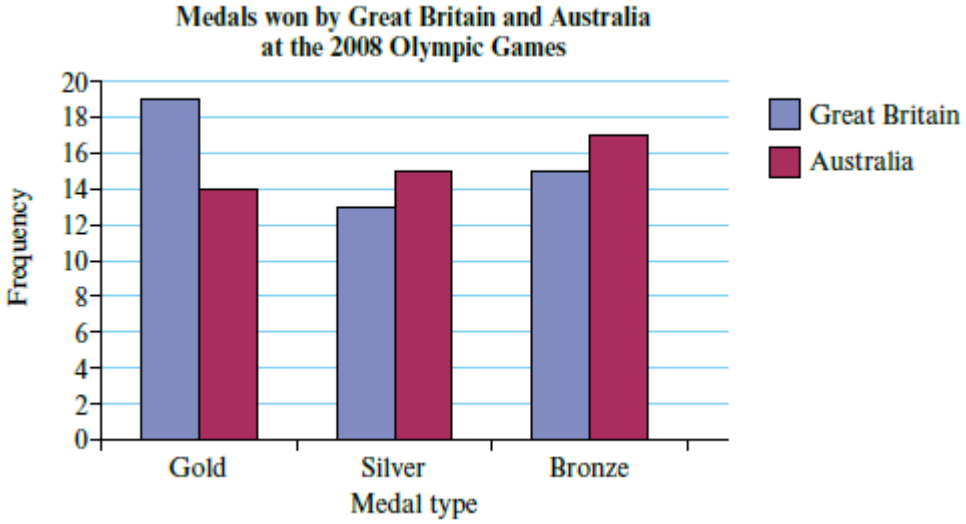
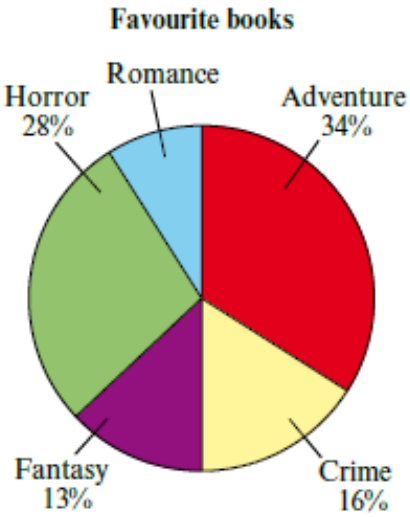
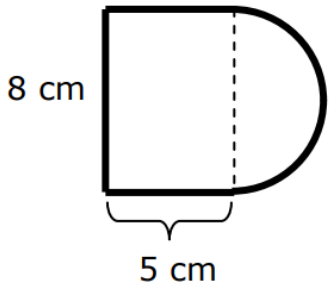
	Non Calculator Section	
1	Calculate: a) -6 + (-2) b) -4 × -3 c) (-2 + 1) × (-4)	3
2.	Let y= 7 – 3x. Find the value when: a) x = 2 b) x = - 6	4
3.	Solve the following inequalities: a) 5x + 3 > 28 b) 2(x - 1) ≥ 14	5
4.	Find: a) 20% of 60 b) 60% of 60 c) 15% of 220 d) 35% of 55	4

5.	This graph shows crime statistics relating to vehicle theft since 1981.  a) Explain what the graph shows. b) Which two years show the highest numbers of theft? c) During which period did the biggest change in amounts of theft happen? d) Estimate how many thefts there were between 1981 and 1983 (inclusive)	4

	Calculator Section	
1.	A garden is made in the shape of a semi-circle. The semi-circle has a diameter of 11m. a) Find the area of the semi circle. b) Rolls of lawn turf cost £4 per square metre. Calculate the cost of lawn turf to cover the entire garden  	5
2.	This composite bar chart shows the total number of Gold, Silver and Bronze medals won by Great Britain and Australia during the 2008 Olympics.  a) How many silver medals did Great Britain win? b) How many bronze medals did Australia win? c) How many gold medals were awarded? d) How many medals were awarded in total? e) Who won more medals overall? Justify your answer.	6

3.	 This pie chart shows the results from a survey on people's favourite genre of book. a) Which genre was the mode? b) If 140 people were surveyed, how many chose: i) Adventure ii) Crime iii) Romance?	5
4.	Find: a) $\frac{3}{8}$ of 72 b) $\frac{5}{12}$ of 72 c) $\frac{2}{7}$ of 4.9 d) $\frac{11}{14}$ of 1.82	4

5.	Find the total area of this shape:  Find the perimeter of the shape.	6 4
	End of Paper	