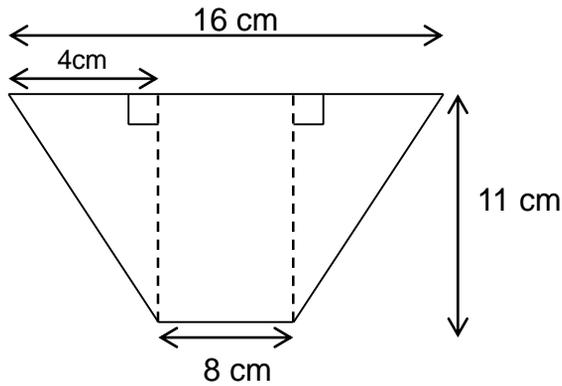
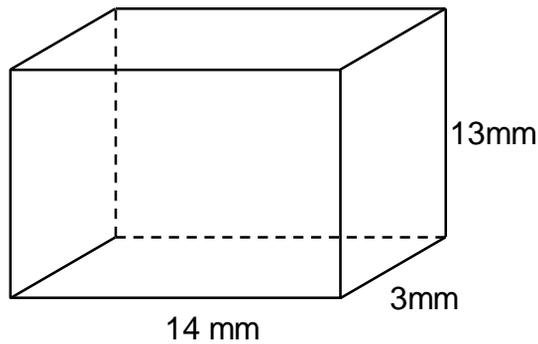


National 4 Unit 1 Part 2 Practice Test (1)

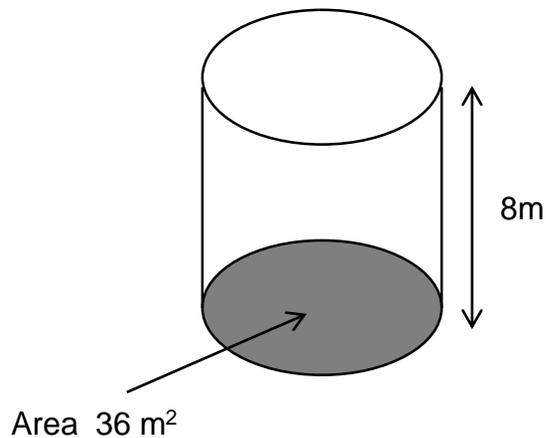
(1) Find the **area** of the following:



(2) The following cuboid has a length of 14mm, breadth 3mm and a height of 13mm
Find the **surface area** of the cuboid

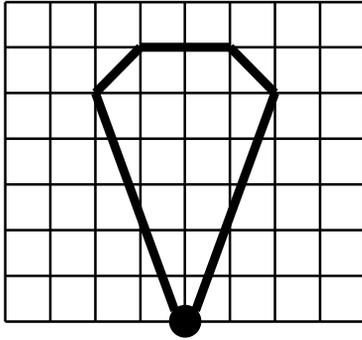


(3) Calculate the volume of the following cylinder



National 4 Unit 1 Part 2 Practice Test (1)

- (4) Rotate this shape about the centre of rotation so that it has rotational symmetry of order 4



- (5) The number of children attending a breakfast club each day were recorded as follows:

5	6	3	17	2	17	18	16	14	1
8	12	5	7	11	13	14	9	4	15
3	13	16	19	6	17	6	8	5	19

Copy and complete the frequency table for these results

Number of children	Tally	Frequency
0 - 4		
5 -		

- (6) Stirling Drama club has eleven members. Their ages were recorded as follows:-

12 14 13 15 15 16 13 17 18 13 16

- (a) Calculate the mean of their ages
 (b) Calculate the range of their ages

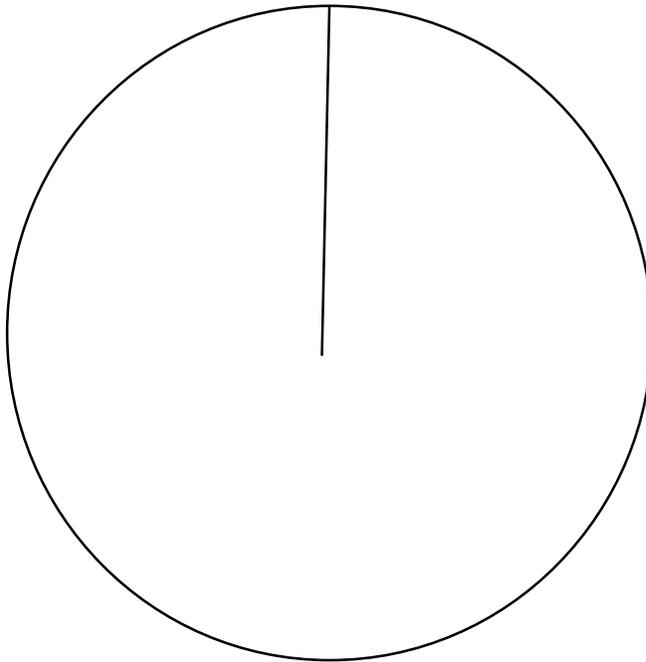
Dunblane Drama club has a mean age of 13.5 and a range of 9. Make two statements comparing the data.

- (7) Bob's Wheels is opening a new car show room. To help with sales they research the most popular colour of car.

The table below shows the results:

Complete the table and draw the pie chart

Colour	Frequency	Angle at Centre
Red	29	
Black	17	
White	19	



- (8) A bag contains 3 yellow, 4 blue and 2 red sweets. What is the probability a yellow sweet is picked out ?

