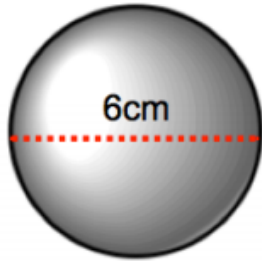|	Find the area:	Find the area and perimeter of the sector:	a) Mean
Term 4 By the end of the term you should be able to complete this skills test	$57°$ $7cm$ $6cm$	$104°$ $5cm$	b) Mode c) Median
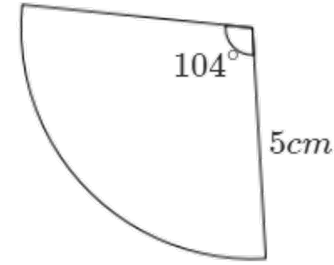
Weight(kg)	Frequency
$60 < x \le 70$	16
$70 < x \le 80$	19
$80 < x \le 90$	9
$90 < x \le 100$	8

a) Surface area
b) Volume

6cm

a) Surface area
b) Volume

17cm
15cm
8cm

a) Surface area
b) Volume

7cm
6cm
9cm

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a) Surface area
b) Volume

8cm
15cm

Volume = 238, find x:

17 cm
7 cm
x cm
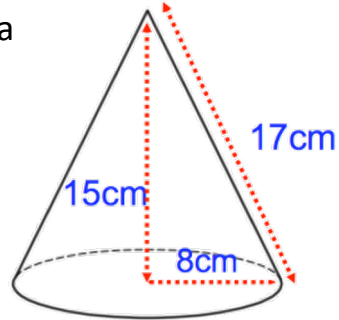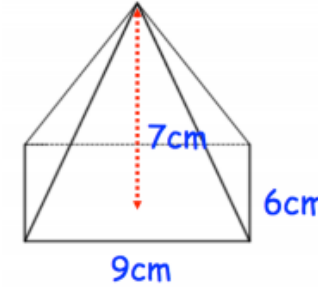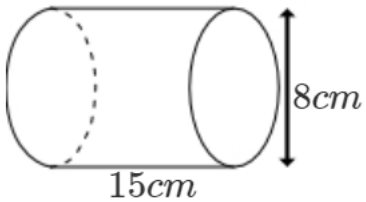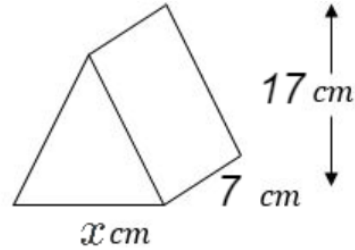
The shapes have the same volume, find the length of x

8cm
5cm
6cm
x
3cm 5cm
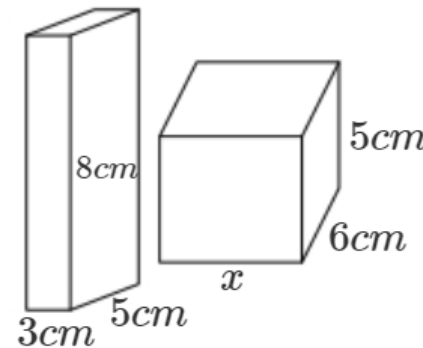
Draw a pie chart for the following information:

Make	Frequency
Ford	8
Mazda	14
Volkswagen	21
Fiat	20
Honda	9

a) Density= 6g/cm³
Volume = 45cm³
Mass =_____g

b) Density = _____g/cm³
Volume = 35cm³
Mass = 315g

Find x when given the mean (round to 1dp): Mean =8.2 x,16,9,8,4	A class of 18 pupils has a mean height of 132cm, 3 pupils join the class and the mean height for the class becomes 133cm. What is the mean height of the new pupils?	The probability that Frank scores a penalty is 0.86 Frank is going to take 50 penalties Work out an estimate for the number of times Frank will score.	
Fiona recorded the times it took 11 students to run 200 metres. The times are measured in seconds and are: 27 38 42 35 43 49 50 37 38 41 48 (a) Draw an ordered stem and leaf diagram to show this information. (b) Work out the median time. (c) Work out the range of the times (d) How many students finished the race in under 40 seconds?	There are 10 counters in a bag, 7 are green and the rest of white. Erin takes out a counter at random and records its colour. Without replacement, Erin takes out another counter, at random. (a) Draw a tree diagram (b) Find the probability that both counters are different colours (c) Find the probability that both counters are the same colour	A gym runs two fitness classes, spinning and circuits. On Saturday 100 people visited the gym. 18 people attended the spinning class. 10 people attended both classes. 56 people did not attend either class. (a) Draw a venn diagram (b) Find the probability they attended only circuits (c) Find the probability they attended exactly 1 class (d) Find the probability attended spinning, given that they attended circuits	60 people visited a swimming pool one evening. 13 out of the 19 people who wore goggles were adults. There were 15 children. (a) Complete a two-way table for this information. (b) How many adults did not were goggles? (c) What fraction of the children wore goggles?