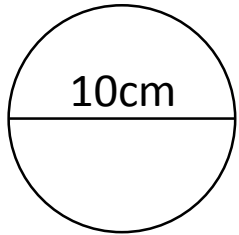


Quick Wits –Foundation 20

1. Find the circumference and area of this circle. Using pi as 3.



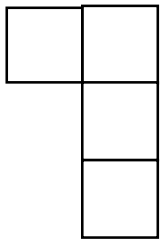
Area=

Circumference =

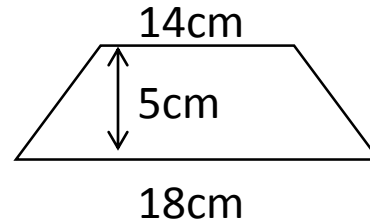
2. Simplify the following.

- a) $d+d-d+d+d-d$
- b) $4a \times 3$
- c) $3b \times 6e$
- d) $16b \div 4e$

3. Complete this net of a cube and shade in a pair of opposite sides.



4. What is the area of this shape?



Area=

5. Find the mean, median, mode and range from this table.

Number of cars per household	0	1	2	3
Frequency	3	6	9	2

Mean =

Median =

Mode =

Range =

6. Two shops sell the same washing machine, but both have different offers. Which shop is the cheapest?

Wish-a-wash sell the washing machine at £340 normally but it is having a 15% sale.

Wash away sells the washing machine at £420 but is offering a third off the price.