NALANDA V **Nalanda Vidyalaya – Colombo 10** ƆA VIDYALAYA

NALANDA VIDYALAYA **Unit Test Project** AYA   NALANDA VIDYALAYA
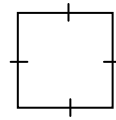
| Grade 10 | Mathematics | **Unit -1-Perimeter** |

1) The perimeter of a rectangle is P. If the length of this rectangle is l find the breadth.

2) Find the circumference of the circle when radius is r.

3) Find the circumference of the circle when r =3.5 cm.

4) If the area of the figure A = Area of the figure B, find the perimeter of the figure B.

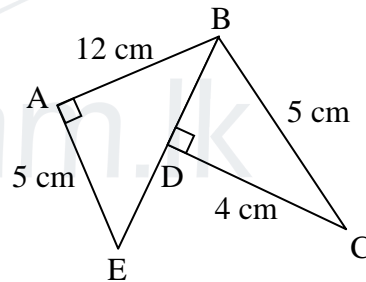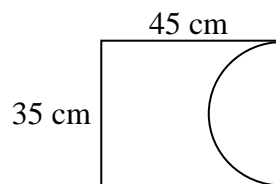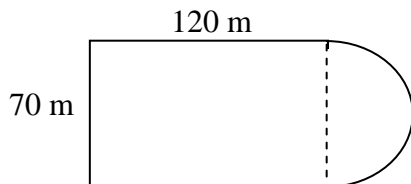A   B
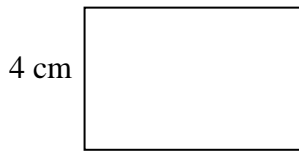
5) Diameter of a tractor wheel is 1.75m find the number of rounds it rotate travelling 275m.

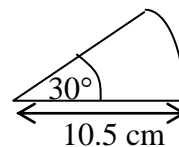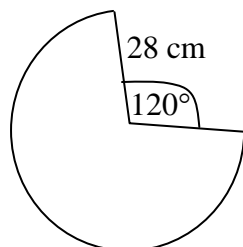6) If the circumference of a circle is 132 cm, find the radius of it.

7) Find the perimeter of the following figure.
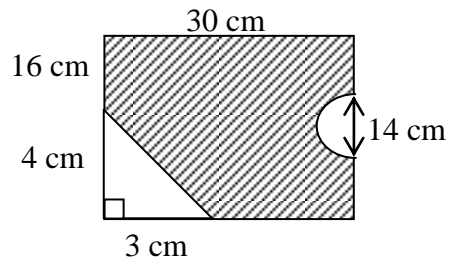

8) Find the perimeter of each of the following plane figures.

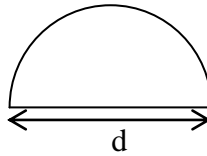9) Find the perimeter of each of the following plane figures.
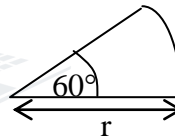

1

10) Find the perimeter of the shaded region.

30 cm

16 cm

14 cm

4 cm

3 cm

11) If perimeter is 50 cm, find r.

r
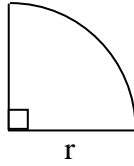
12) If perimeter is 72 m, find d.

d

13) If Arc length is $\dfrac{44}{3}$ cm, find the radius (r)

60°

r

14) If the perimeter is $114\dfrac{2}{3}$ cm, find the θ.

θ

28 cm