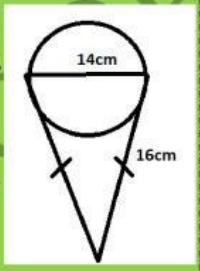
Name:_____ Roll No: _____ Topic: Geometry

Activity#1: Match the column.

SHAPE	FORMUALE
Perimeter of a circle	$\Pi r+d$
Perimeter of semi circle	$\frac{3}{4}\times 2\pi r+d$
Perimeter of a quarter circle	$\frac{1}{2}\pi r+d$
Perimeter of $\frac{3}{4}$ of a circle	πd

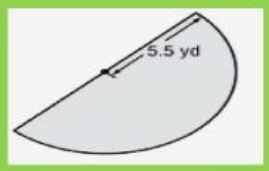
Activity#2: Ali wants to calculate the perimeter of given figure, tell Which will be the right way of calculating the perimeter of given figure.



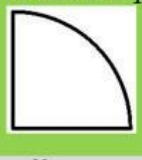
1) Circumference of cirle + Perimeter of triangle
2) ½ of Circumference of cirle + Perimeter of triangle
3) ½ of Circumference of cirle + legs of isosceles triangle
4) ½ of Circumference of cirle + diameter + legs of isosceles triangle

Activity#3: Choose only one option in each of the given statement.

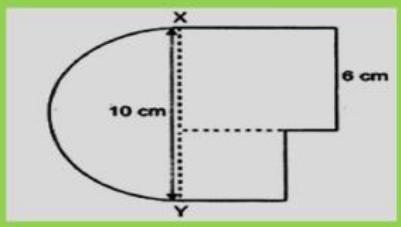
1. The perimeter of a circle is usually called the...
   a) radius b) circumference c) diameter d) area
2. If my radius is 10ft, what is my diameter?
   a) 31.4ft b) 20ft c) 5ft d) 62.8ft
3. What is the perimeter of the semi-circle?



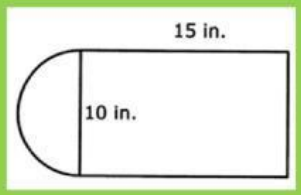
   a) 11 yd
   b) 28.27 yd
   c) 0
   d) 34.54 yd
4. The radius of a quarter circle is 4 inches. What is the quarter circle's perimeter.



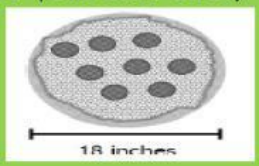
   a) 10.68 in
   b) 14.28 in
   c) 12.63 in
   d) 13.63 in
5. Find the perimeter of the given figure.



   a) (5π + 20) cm
   b) (5π + 22) cm
   c) (10π + 20) cm
   d) (10π + 22) cm
6. Find the perimeter of this figure



   a) 40.7in
   b) 15.7in
   c) 30.7in
   d) 55.7in
7. What is the circumference of this pizza if the diameter is 18 inches? (Use 3.14 as Pi)



   a) 36 in
   b) 28.26 in
   c) 9 in
   d) 56.52 in

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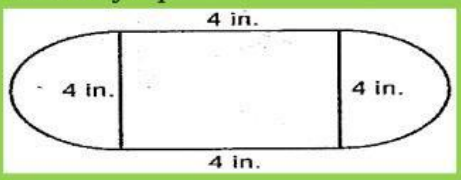
8. *Find the perimeter of the figure. Use 3.14 for pi.*



a) 20.56 in.

b) 31.88 in.

c) 17.3 in.

d) 17.8 in.

9. *Find the perimeter*

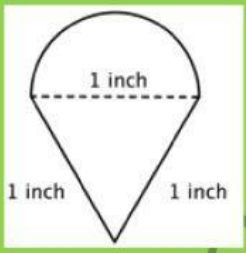
a) 9.42 cm

b) 39.42 cm

c) 67.68cm

d) 36 cm

10. *Find the perimeter*



a) 8.28 inches

b) 5 inches

c) 3.57 inches

d) 3 inches

11. *Find the perimeter*

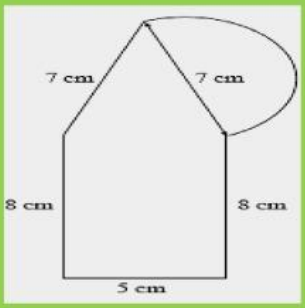
a) 84

b) 43.96

c) 131.88

d) 42

12. *Find the perimeter*



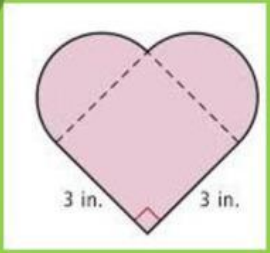
a) 71.96 cm

b) 38.99 cm

c) 35 cm

d) 10.99 cm

14. *Find the perimeter*



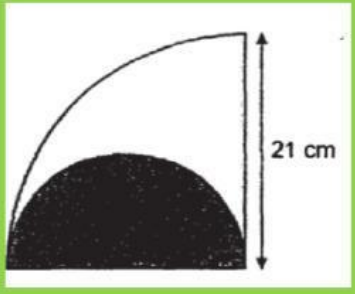
a) 24.84in

b) 9 in

c) 15.42in

d) 4.71 in

15. *The given figure is made up of a quadrant and a semicircle. The quadrant has a radius of 21 cm. What is the perimeter of the unshaded part? Take π = 22/7*



a) 132 cm

b) 66 cm

c) 75 cm

d) 120 cm

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