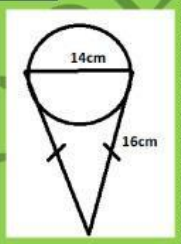
Name:_____ Roll No:_____ Topic: Geometry

Activity#1: Match the column.

SHAPE	FORMUALE
Perimeter of a circle	$\Pi r+d$
Perimeter of semi circle	$^3/_4 \times 2\pi r + d$
Perimeter of a quarter circle	$^1/_2\ \pi r + d$
Perimeter of $^3/_4$ 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.



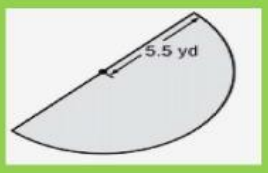
1) **Circumference of cirle + Perimeter of triangle**
2) **½ of Circumference of cirle + Perimeter of triangle**
3) **½ of Circumference of cirle + measurement legs of isosceles triangle**
4) **½ of Circumference of cirle + diameter + legs of isosceles triangle**

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?*



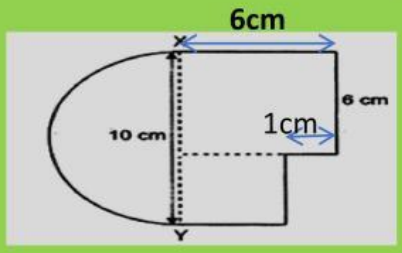
a) 11 yd
b) 28.27 yd
c) 0
d) 34.54 yd

4. *The radius of a quarter circle is 4 inches. What is the quarter circle's perimeter?*



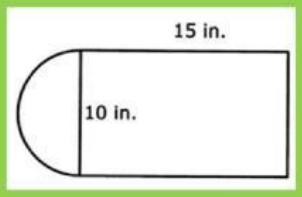
a) 10.68 in
b) 14.28 in
c) 12.63 in
d) 13.63 in

5. *Find the perimeter of the given figure.*



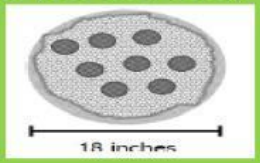
a) (5π + 20) cm
b) (5π + 22) cm
c) (10π + 20) cm
d) (10π + 22) cm

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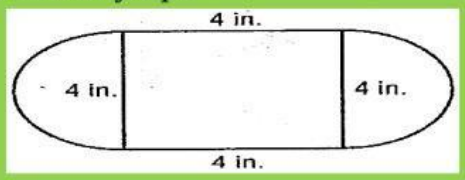
8. *Find the perimeter of the figure. Use 3.14 for pi.*

a) 20.56 in.

b) 31.88 in.

c) 17.3 in.

d) 17.8 in.



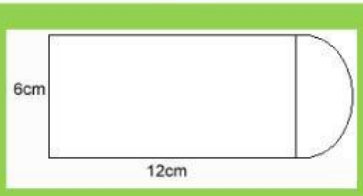
9. *Find the perimeter*

a) 9.42 cm

b) 39.42 cm

c) 67.68cm

d) 36 cm



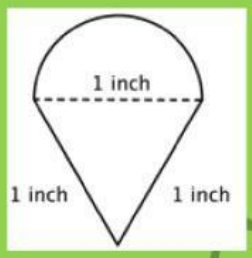
10. *Find the perimeter*

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



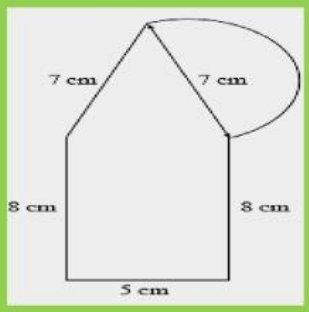
12. *Find the perimeter*

a) 71.96 cm

b) 38.99 cm

c) 35 cm

d) 10.99 cm



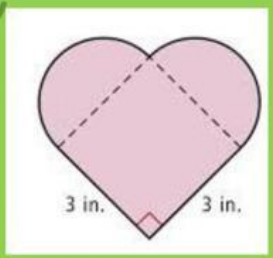
13. *Find the perimeter*

a) 24.84in

b) 9 in

c) 15.42in

d) 4.71 in



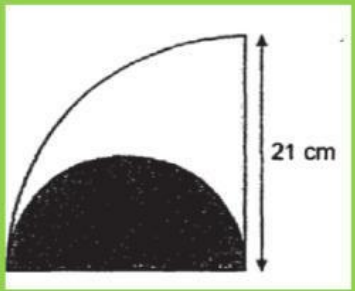
14. *The given figure is made up of a quadrant and a semicircle. The quadrant has a radius of 21 cm. What is the perimeter of the unshaded part? Take π = 22/7*

a) 132 cm

b) 66 cm

c) 87cm

d) 120 cm



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