Pract Test   Name_____

Area, Perimeter & Volume   Date_____

1. ***Fill in the chart for finding area, perimeter & volume

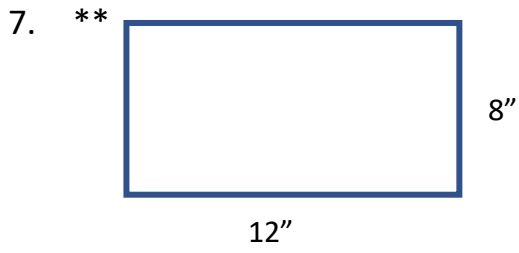|	Area	Volume Prism	Volume Pyramid
Rectangle			
Parallelogram			
Triangle			
Trapezoid			
Circle			

2. ***When finding area, why is it labeled square measure?

3. ***Write the strategy for finding the areas of shaded regions.

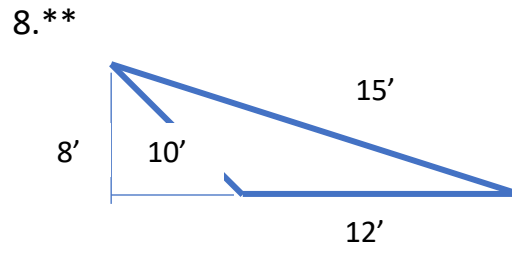
4. ***Write the strategy for finding the areas of irregular shapes.

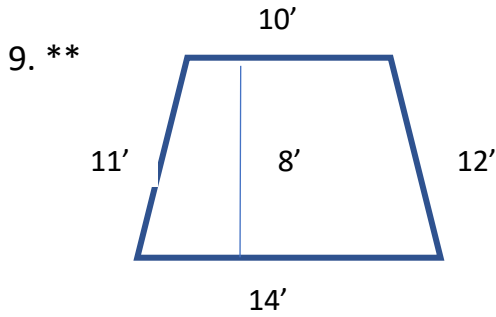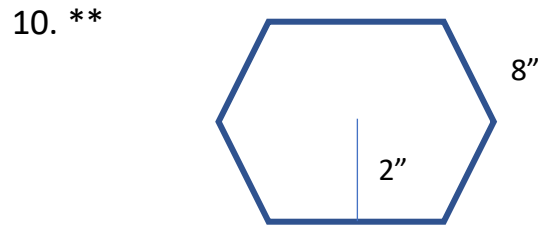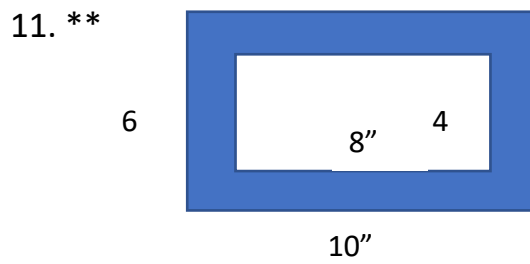5. ***Write the strategy for finding the lateral areas.
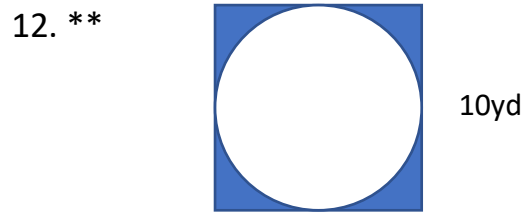

6. ***

7. **

8"

12"

A =   P =

8. **

15'

8'   10'

12'

A =   P =

9. **

10'

11'   8'   12'

14'

A =

10. **

8"

2"

A =

11. **

6

8"   4

10"

A_SR =

12. **

10yd

A_SR =

13. **

6   2

4

10

16

A =

14. **

10'

8'

A =

15. **

10'

4'

5'

V =

16. **

8"

10"

V =

17. **

1 ft

9 in.

V =

18. **

6   8

12
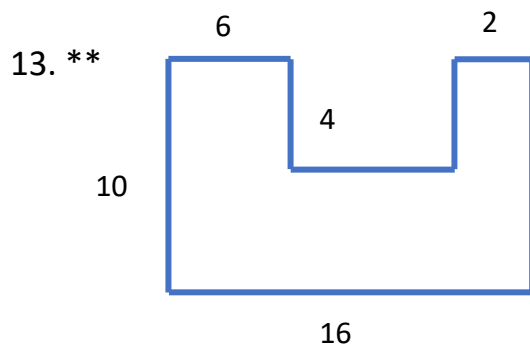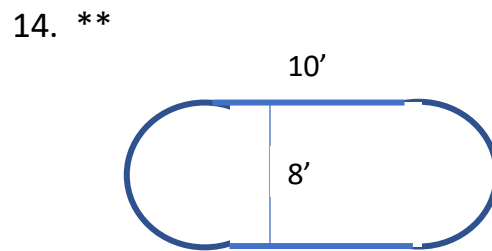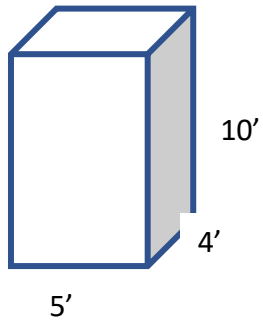
V =

19.   **Find the lateral area for problem # 14.

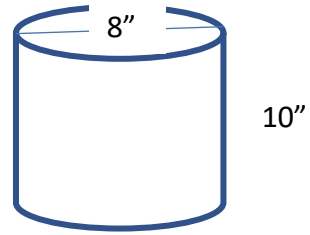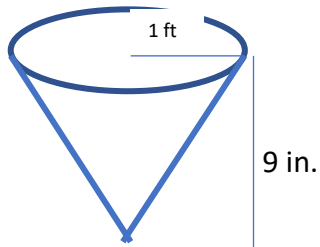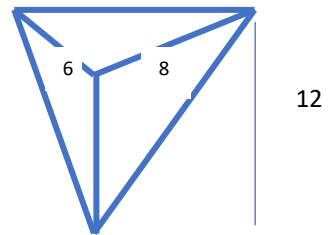20.   **Find the surface area for problem # 15.

21.   **Convert 50 square yards to square feet.

22. *SBAC   A large right circular cylinder has a radius and height that are each twice the size of the radius and height of a small circular cylinder. The volume of the larger cylinder is how many times the volume of the small cylinder?

23. *SBAC   Bob want to cover his game room floor with tiles. The floor is rectangularly shaped with dimensions 12.5 by 9 feet. Each tile is in the shape of squares with length one foot. The tiles are sold by the box and each box contains 10 tiles. The tiles will be placed so that there is no overlapping and no space between the tiles. If each box costs $8.00, what is the minimum he will spend to tile his game room?

24. *SBAC   If the lateral area of a right cylinder is 64π m^2 and the height is 16m, find the radius of the cylinder.

25. ***Provide parental contact information, home phone, cell, phone, email or home address. (CHP)