

Name _____ Date _____ Hour _____

7th Grade – Unit 5 - Study Guide



The Unit 5 Assessment will cover the following concepts:

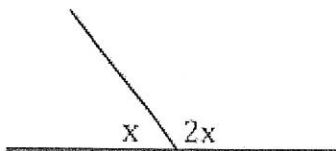
- 16 - Angles
- 17 - Classifying and Constructing Triangles/Quadrilaterals
- 18 - Perimeters
- 19 - Areas
- 20 - Surface Areas
- 21 - Volume

Define the following Angle Relationships. Sketch a drawing of each.

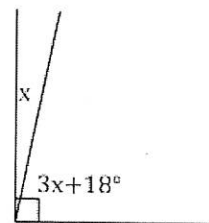
	Definition	Sketch
Vertical Angles		
Adjacent Angles		
Complementary Angles		
Supplementary Angles		
Congruent Angles		

Classify the angles, then find the value of x .

1.

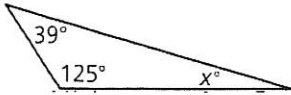


2.



Find the value of x . Then classify the triangle.

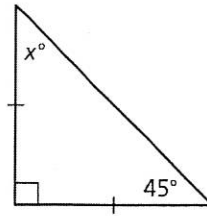
3.



Angle: _____

Classification: _____

4.

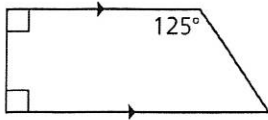


Angle: _____

Classification: _____

Classify the quadrilaterals. Find the missing angle measure(s).

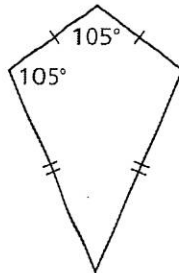
5.



Angle: _____

Classification: _____

6.

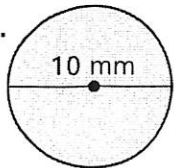


Angle: _____

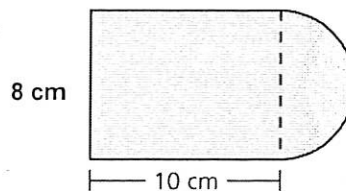
Classification: _____

Find the perimeter of the figures.

7.

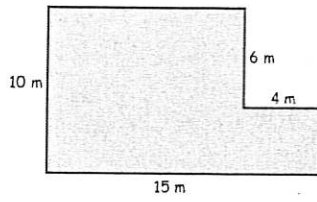


8.

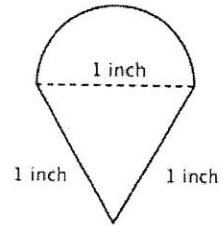


Find the perimeter of the figures.

9.

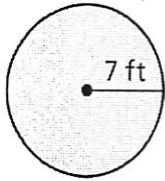


10.

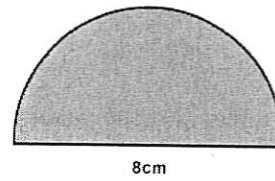


Find the area of the figures.

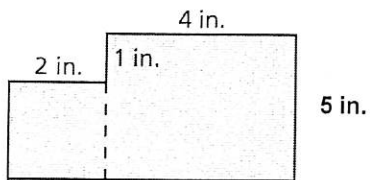
11.



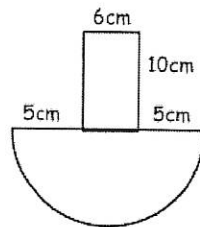
12.



13.

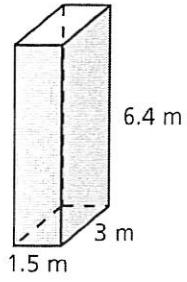


14.

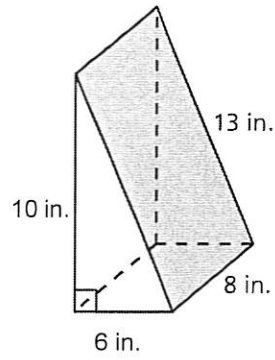


Find the surface area of each solid.

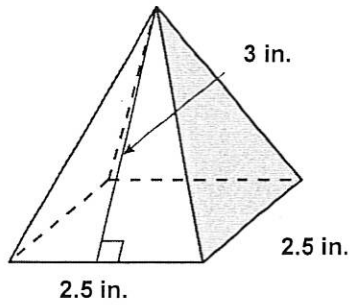
15.



16.

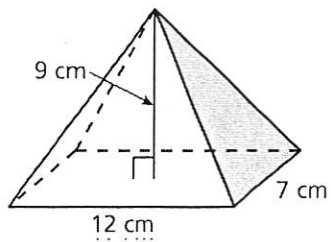


17.



Find the volume of each solid.

18.



19.

