

Name: _____

Unit 10 Review Sheet

Test: April 24

Topics on test:

- Area, Perimeter, and Volume of Rectangles, Squares, and Rectangular Prisms
 - Transformations (Translation, Reflection, and Rotation)
 - Subdividing and Combining Figures
 - Parts of a Circle
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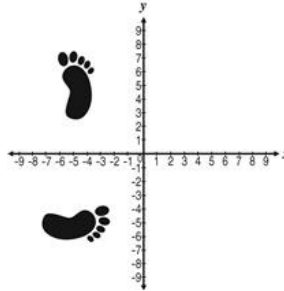
1) A cube has a side length of 5 inches, what is the volume of the cube? _____

2) The front yard of Brody's house is 35 feet long by 15 feet wide. What is the area and perimeter of his front yard?

Area= _____

Perimeter= _____

Which combination of transformations is demonstrated in the figure below?

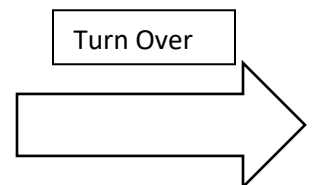


3)

- Turn, slide
- Slide, flip
- Flip, Turn
- Flip, Slide

4) Looking in a mirror is an example of what type of Transformation?

5) Draw a shape that is symmetrical when folded over a dotted line:



6) Which figure completes the rectangle? _____

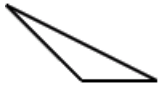
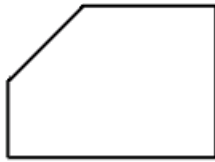


Figure 1



Figure 2



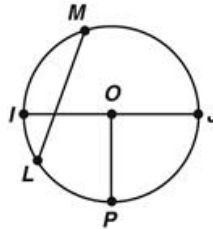
Figure 3



Figure 4

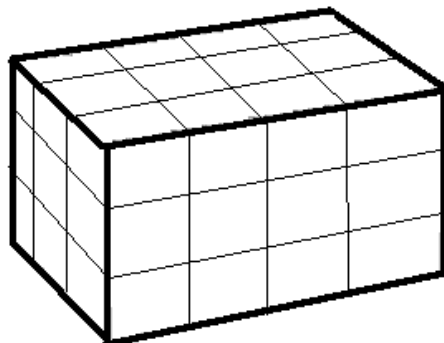
7) The diameter of a circle measures 17 inches. What is the radii's measurement?

If O is the center of the circle, which line segment is a diameter?



8) _____

9) Find the volume of the rectangular prism: _____



10) Which figure when combined forms a square? _____

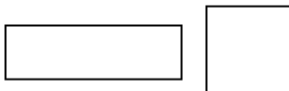


Figure 1



Figure 2



Figure 3



Figure 4