

Area for a Circle: $A = \pi r^2$

Area for a semicircle: $A = \frac{\pi r^2}{2}$

Area for a quarter circle: $A = \frac{\pi r^2}{4}$

Area for a square or rectangle:

$A = bh$

Area of a triangle: $A = \frac{bh}{2}$

Area for Trapezoid:

$A = \frac{1}{2} * (b_1 + b_2) * h$

Name: _____

Date: _____

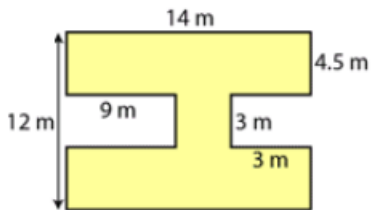
Grade 7 Quiz on Lessons 17, 18, 19, 20

Week # 8 (Week of May 11th → May 15)

Directions:

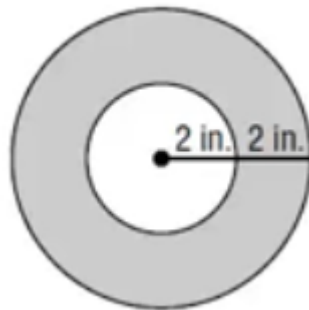
- You must show all work to receive credit.
- Show your work in an organized, easy to read fashion.
- Circle your final answer.
- Please write neatly.

1) Find the area of the given shape.



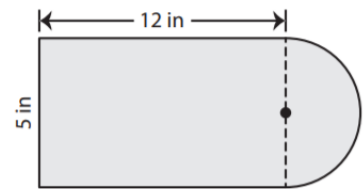
Area = _____

2) Find the area of the shaded region.



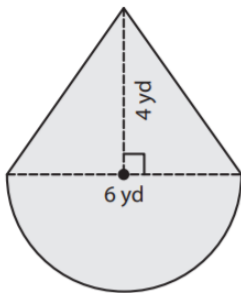
Area = _____

3) Find the area to given shape.



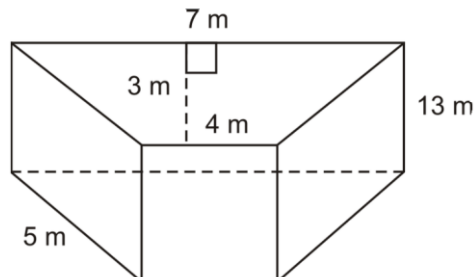
Area = _____

4) Find the area to the given shape.



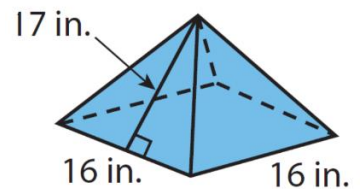
Area = _____

5) Find the surface area of the trapezoidal prism.



Surface Area = _____

6) Find the area to the square pyramid.



Surface Area = _____