

Name: _____ Period: _____ Date: _____

Section 1.5 – 1.6 Review Practice

On Your Own: Complete the following problems on your own. **Show your work.**

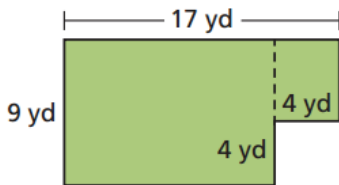
1. Given the endpoints $C(0,-8)$ and $D(3,0)$. Find the midpoint of \overline{CD} .

2. Find the area and the circumference of a circle with a diameter of 28m.

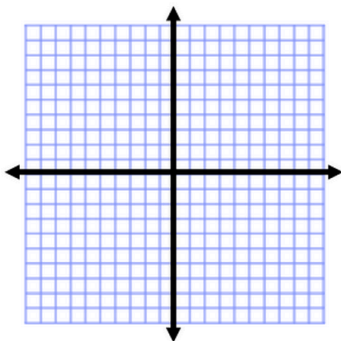
3. Use the Distance Formula to find the distance between $A(1, -2)$ and $B(-4,-4)$.

With a Partner: Solve the following problems with a partner. **Show your work.**

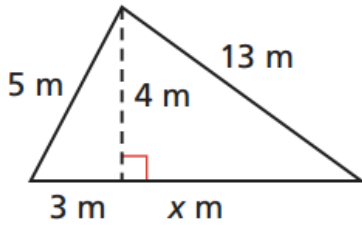
4. A skate park consists of two adjacent rectangular regions as shown. Find the perimeter and area of the park.



5. M is the midpoint of \overline{LN} . L has coordinates $(-3,-1)$, and M has coordinates $(0,1)$. Graph L , M , and N , and find the coordinates of N .

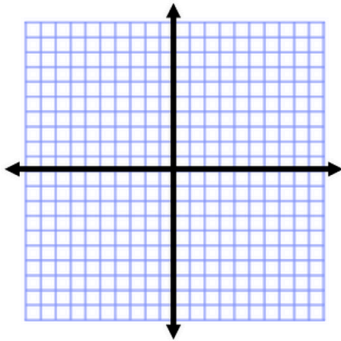


6. Find the area and perimeter of the triangle.

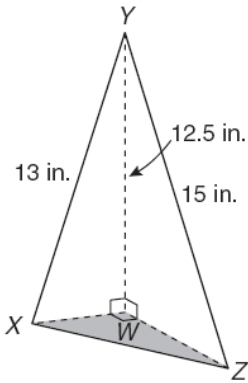


With a Group: Solve the following problems with your group. **Show your work.**

7. Find the coordinates of the point that is one-fourth of the way from (2,4) to (10,8).



8. The figure below shows three right triangles joined at their right-angle vertices to form a triangular pyramid. Which of the following is closest to the length of XZ.



9. A landscaper is to install edging around a garden. What is the total area of the garden to the nearest foot?

