**Draw a net for the solid.**

**1.**

**2.**
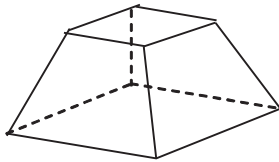
**3.** Draw the solid represented by the net. Then, classify the solid.
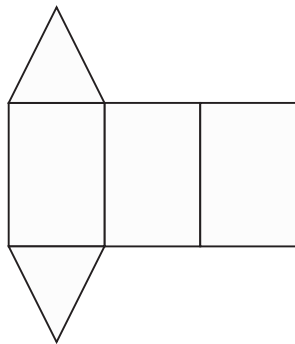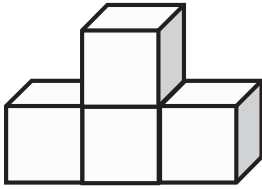
**Draw the top, front, right, and left views.**

**4.**



**5.**
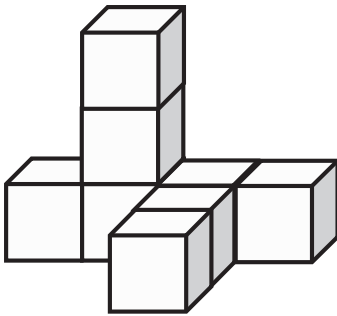


**6.**
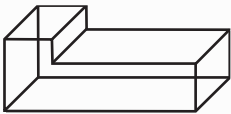
Independent Practice

**7.**    Draw the top, front, and right views.



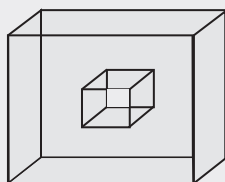**8.**    Draw the solid that has these views.
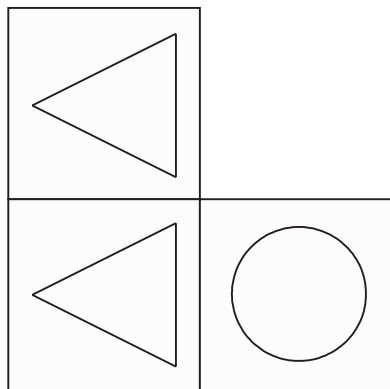
## Journal

1. In your own words, explain what a net is. Then, explain how a triangular prism can have more than one correct net.

2. Tell why the following is not a net of a cube. Then, tell how it can be changed to make it a net of a cube.

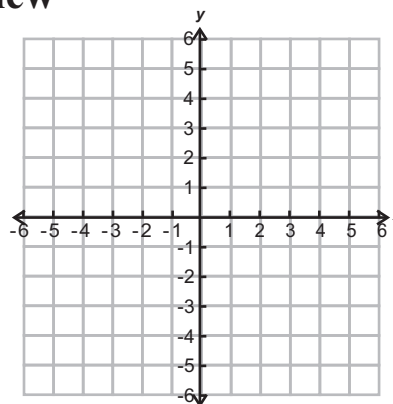3. Cindy drew the top view of the figure below like this.

   Explain why she is incorrect. Then, draw the correct top, front, right, and left views. Explain how you determined what each view should be.
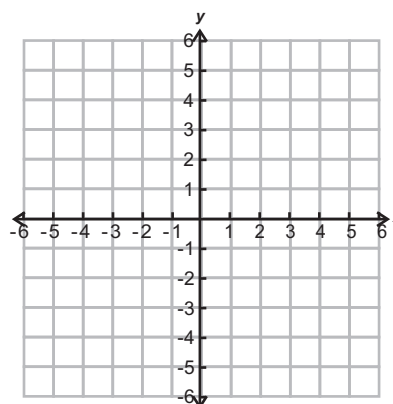
## Cumulative Review

**Plot and label each point.**

1. $A(-4, -1)$
2. $B(0, 2)$
3. $C(3, -4.5)$
4. $D(-1, 2)$

5. The vertices of a triangle are $(2, 4)$, $(2, -1)$, and $(4, y)$. What must be the value of $y$ to make the triangle a right triangle?
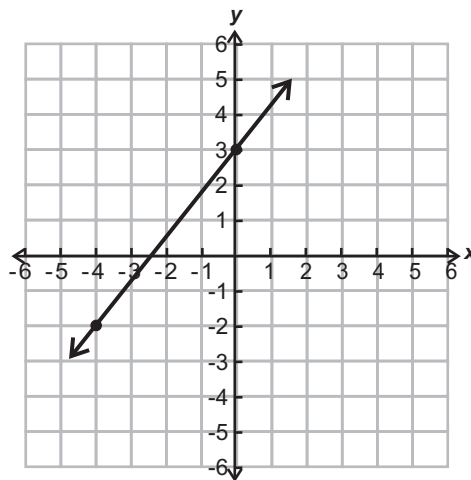
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**6.**  Find the slope of the line. Then, find the
slope of any line perpendicular to it.

**7.**  Sketch a cone.

**8.**  Sketch a rectangular pyramid.

# Additional Work Area