Name   Date
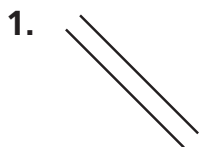
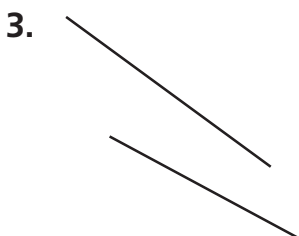**Which of the line segments below look parallel? Which look perpendicular? Which look neither parallel nor perpendicular? Explain your thinking.**
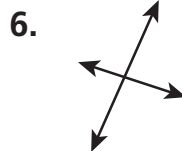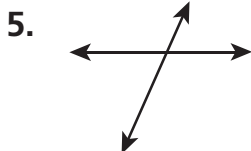
1.   Parallel: _____ Perpendicular: _____

_____

2.   Parallel: _____ Perpendicular: _____

_____

3.   Parallel: _____ Perpendicular: _____

_____

_____

Tell whether each pair of lines is parallel, perpendicular, or neither.

4. **5.** **6.** **7.**

_____ _____ _____ _____

8. First draw a line segment 5 cm long. Then draw a line segment 7 cm long parallel to your first line segment.
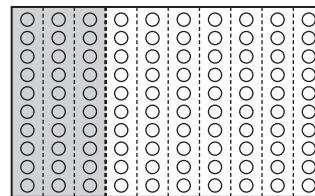
Remembering

Use the visual to fill in each blank.

1. The shaded part of the whole represents:

$\frac{30}{100}$ represents _____ of _____ equal parts
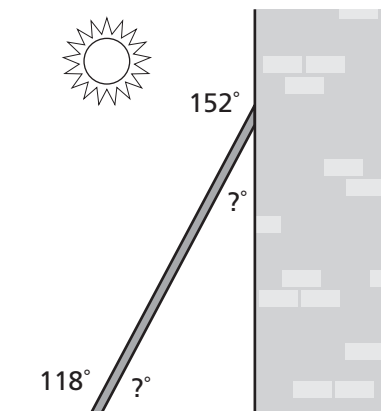
and the decimal _____.

$\frac{3}{10}$ represents _____ of _____ equal parts

and the decimal _____.

Write an equation to solve each problem.

2. A ladder leans up against a wall, as shown in the diagram. What angle measure does the ladder form with the wall?

_____

3. What angle measure does the ladder form with the ground?

_____

152°

?°

118° ?°

4. Stretch Your Thinking Look around the room. Describe 3 pairs of parallel line segments you see. Describe 3 pairs of perpendicular line segments.

_____

_____

_____

_____

_____

_____