Measuring Angles

Use the diagram for questions 1 to 3 and find the measure of each angle.

1. ∠ *MLN*

2. ∠*NLQ*

3. ∠*OLP*
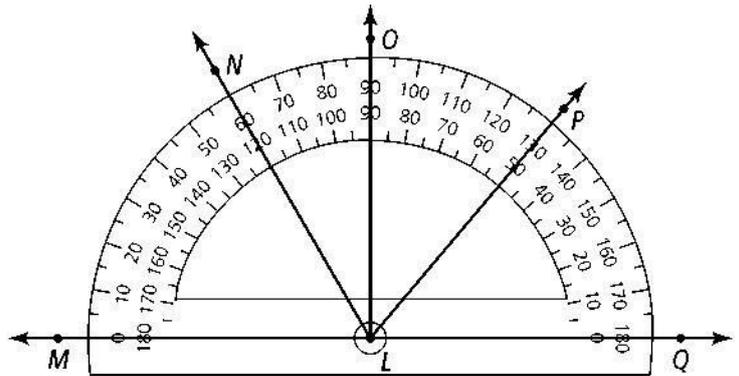
Classify each angle as *acute, right, obtuse,* or *straight.*

4. ∠ *MLN*   **5.** ∠ *MLP*   **6.** ∠*OLP*   **7.** ∠ *MLQ*

Use the figure at the right for questions 8 and 9.
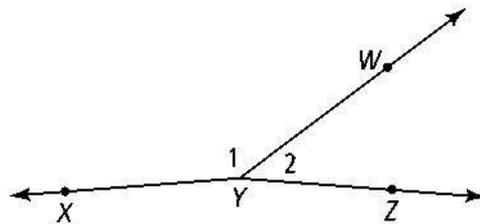
8. What is another name for∠ *XYW?*

9. What is another name for∠ *WYZ?*

10. ∠*JKL* and ∠*CDE* are congruent. If *m∠ JKL* = 137, what is *m∠ CDE?*

Use the figure at the right for Exercises 11-12.

m∠ FXH = **130 and** *m∠ FXG* = **49.**

11. ∠ *FXG* is congruent to ∠ -------

12. *m∠ GXH* = ☐
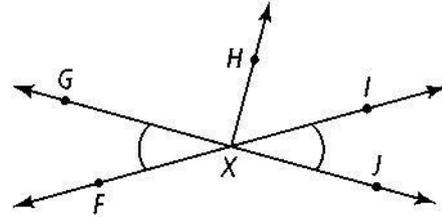
13. Lisa makes a cherry pie and an apple pie. She cuts the cherry pie into six equal wedges, and she cuts the apple pie into eight equal wedges. How many degrees greater is the measure of a cherry pie wedge than the measure of an apple pie wedge?

14. A new pizza place in town cuts their circular pizzas into 12 equal slices. What is the measure of the angle of each slice?