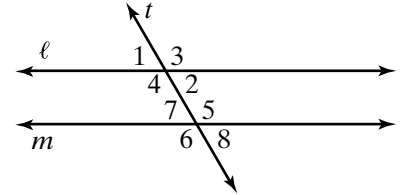


Practice 11-1

Angles and Parallel Lines

Identify each pair of angles as *vertical*, *adjacent*, *corresponding*, *alternate interior*, or *none of these*.



- 1. $\angle 7, \angle 5$

- 2. $\angle 1, \angle 2$

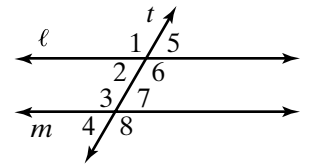
- 3. $\angle 1, \angle 7$

- 4. $\angle 4, \angle 7$

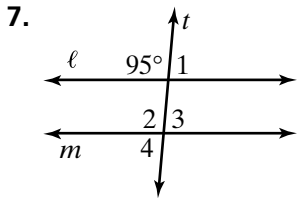
Use the diagrams at the right for Exercises 5 and 6.

- 5. Name four pairs of corresponding angles.

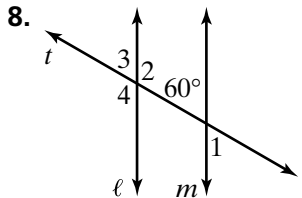
- 6. Name two pairs of alternate interior angles



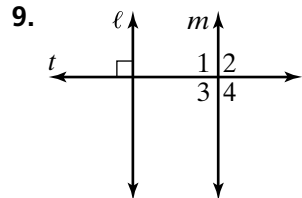
In each diagram below, $\ell \parallel m$. Find the measure of each numbered angle.



- $m\angle 1 =$ _____
- $m\angle 2 =$ _____
- $m\angle 3 =$ _____
- $m\angle 4 =$ _____

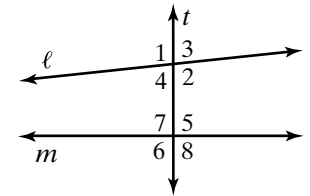


- $m\angle 1 =$ _____
- $m\angle 2 =$ _____
- $m\angle 3 =$ _____
- $m\angle 4 =$ _____



- $m\angle 1 =$ _____
- $m\angle 2 =$ _____
- $m\angle 3 =$ _____
- $m\angle 4 =$ _____

10. Use the figure at the right. Is line ℓ parallel to line m ? Explain how you could use a protractor to support your conjecture.



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