

LESSON  
**3.3**

NAME \_\_\_\_\_ DATE \_\_\_\_\_

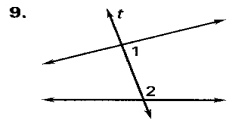
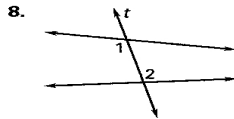
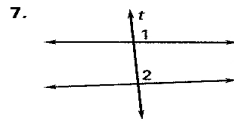
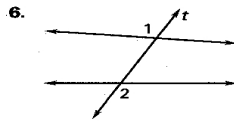
**Practice A**

For use with pages 121–125

Match the key word with its definition.

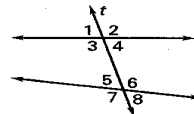
- |                              |   |
|------------------------------|---|
| 1. transversal               | A. two angles that lie between the two lines on the same side of the transversal      |
| 2. corresponding angles      | B. two angles that occupy corresponding positions                                     |
| 3. same-side interior angles | C. two angles that lie between the two lines on the opposite sides of the transversal |
| 4. alternate exterior angles | D. a line that intersects two or more coplanar lines at different points              |
| 5. alternate interior angles | E. two angles that lie outside the two lines on the opposite sides of the transversal |

Describe the relationship between  $\angle 1$  and  $\angle 2$ .



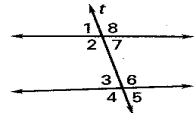
Use the diagram shown at the right to name a pair of angles that fits the description. There is more than one correct answer.

- |                        |                        |
|------------------------|------------------------|
| 10. corresponding      | 11. alternate interior |
| 12. alternate exterior | 13. same-side interior |



Use the diagram at the right to complete the statement using *corresponding*, *alternate interior*, *alternate exterior*, or *same-side interior*.

- |  |  |
|--|--|
| 14. $\angle 6$ and $\angle 8$ are <u>  ?  </u> angles. | 15. $\angle 1$ and $\angle 5$ are <u>  ?  </u> angles. |
| 16. $\angle 2$ and $\angle 6$ are <u>  ?  </u> angles. | 17. $\angle 4$ and $\angle 8$ are <u>  ?  </u> angles. |
| 18. $\angle 6$ and $\angle 7$ are <u>  ?  </u> angles. | 19. $\angle 1$ and $\angle 3$ are <u>  ?  </u> angles. |



A picnic table is shown in the sketch at the right. Describe the relationship between the angles.

- |                               |                               |
|-------------------------------|-------------------------------|
| 20. $\angle 3$ and $\angle 7$ | 21. $\angle 2$ and $\angle 7$ |
| 22. $\angle 4$ and $\angle 6$ | 23. $\angle 3$ and $\angle 6$ |

