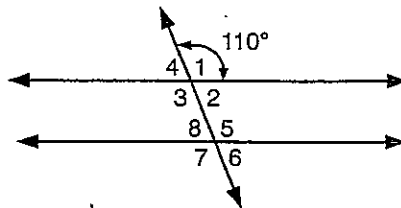


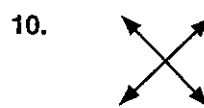
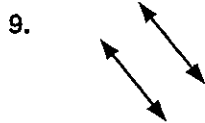
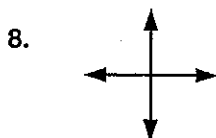
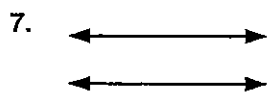
Exploring Parallel Lines and Transversals

Use the figure to find the measure of the given angle.

1. $m\angle 2 =$ _____
2. $m\angle 3 =$ _____
3. $m\angle 4 =$ _____
4. $m\angle 5 =$ _____
5. $m\angle 6 =$ _____
6. $m\angle 8 =$ _____



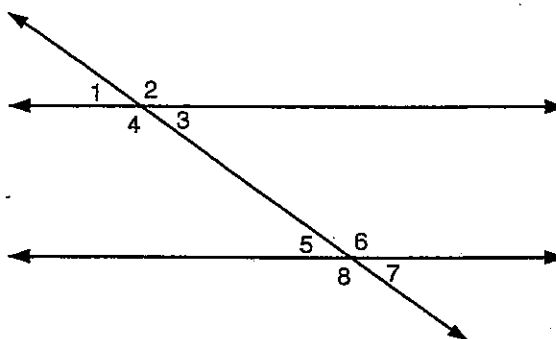
Tell whether the lines appear to be parallel or perpendicular.



Use the figure at the right for Exercises 11–19.

Name the corresponding angles.

11. $\angle 1$ and _____
12. $\angle 2$ and _____
13. $\angle 3$ and _____
14. $\angle 4$ and _____
15. Name four pairs of vertical angles.



Name the alternate interior angles.

Name the alternate exterior angles.

16. $\angle 4$ and _____
17. $\angle 3$ and _____
18. $\angle 1$ and _____
19. $\angle 2$ and _____

LOGICAL REASONING

Tell whether the labeled lines are parallel.

