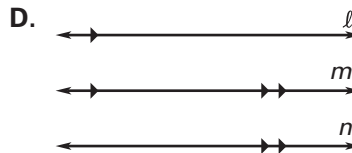
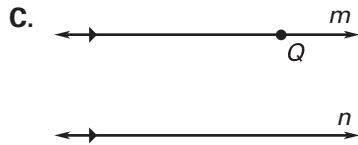
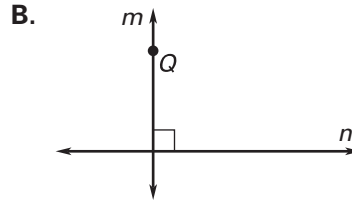
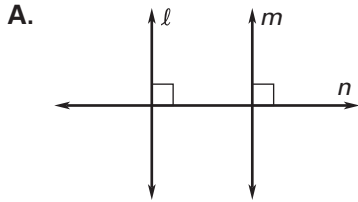


Practice A

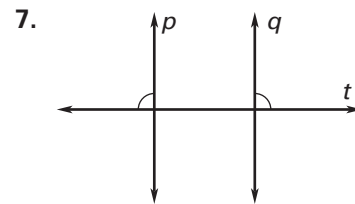
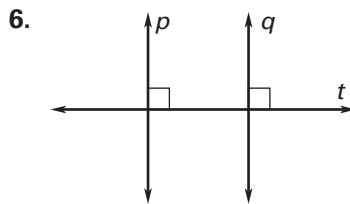
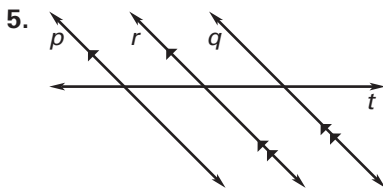
For use with pages 143–151

Match the diagram and conclusion that it illustrates with the statement of the postulate or theorem.

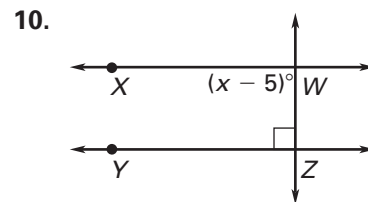
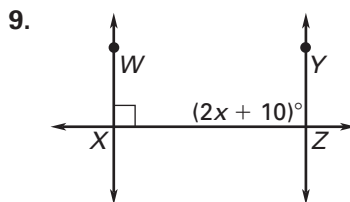
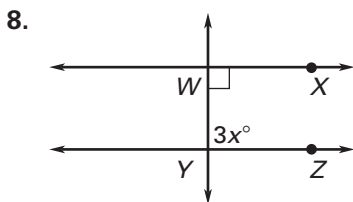


- If there is a line and a point not on the line, then there is exactly one line through the point parallel to the given line.
- If there is a line and a point not on the line, then there is exactly one line through the point perpendicular to the given line.
- If two lines are parallel to the same line, then they are parallel to each other.
- In a plane, if two lines are perpendicular to the same line, then they are parallel to each other.

Determine which lines, if any, must be parallel.



Find the value of x that makes $\overleftrightarrow{WX} \parallel \overleftrightarrow{YZ}$.



The sketch at the right shows a measure of music.

- If $b \parallel e$ and $e \parallel a$, which lines must be parallel?
- If $a \perp t$ and $e \perp t$, which lines must be parallel?

