Name _____   Date _____

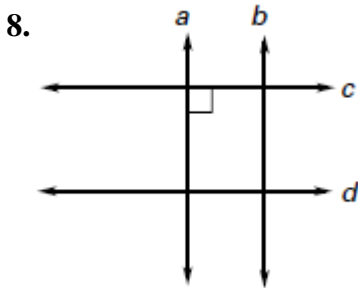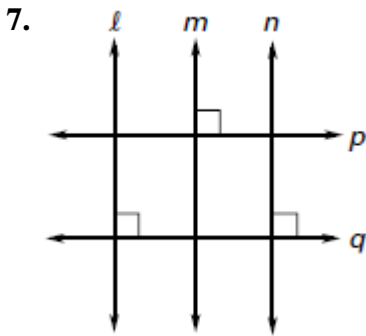**CHAPTER**
3

Assignment 25 Lesson 3-5 Quiz

Write an equation of the line that passes through point *P* and is parallel to the line with the given equation.

1. $P(1, 1)$, $y = -2x + 4$

2. $P(-7, -8)$, $y - 6 = 3x + 6$

3. $P(5, 3)$, $x = -2$

Write an equation of the line that passes through point *P* and is perpendicular to the line with the given equation.

4. $P(8, 9)$, $y = 4x - 2$

5. $P(3, 6)$, $y = -5$

6. $P(2, 0)$, $36x + 6y = 18$

Determine which lines, if any, must be parallel. *Explain.*

7.

8.

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

_____

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8. _____

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