Name : _____ Score : _____

Parallel and Perpendicular Lines

Sheet 3

1) A line p passing through the point (–1, –1) and parallel to the line q which has a slope of –5. Find the equation of the line p.

_____

2) Write the equation of the line that is parallel to the line 5 = 4y – 9x and passes through the poi

_____

3) Find the equati –6) and perpendicular to the line n wh

_____

4) Write the equat · 7x = 2 and passes through the poi

_____

5) The line l passes through the point (1, 7) and parallel to the line m whose slope is 9. Find the equation of the line l.

_____

Name : _____ Score : _____

Answer key

Parallel and Perpendicular Lines

Sheet 3

1) A line p passing through the point (–1, –1) and parallel to the line q which has a slope of –5. Find the equation of the line p.

5x + y = –6

2) Write the equation of the line that is parallel to the line 5 = 4y – 9x and passes through the poi

9x – 4y

3) Find the equati –6) and perpendicular to the line n wh

7x – y

4) Write the equat 7x = 2 and passes through the poi

8x + 7y

5) The line l passes through the point (1, 7) and parallel to the line m whose slope is 9. Find the equation of the line l.

9x – y = 2