Name : _____ Score : _____

Parallel and Perpendicular Lines

Sheet 1

1) Write the equation of the line parallel to the line y = 2x + 7 and having the y-intercept 4.

_____

2) Write the equation of the line l having the y-intercept 6 and perpendicular to the line m which ha

_____

3) Find the equati parallel to the line v whose slope is -

_____

4) Find the equati - 9 and having the y-intercept –3.

_____

5) Write the equation of the line having the y-intercept 7 and parallel to $y = \frac{2}{5}x - 10$.

_____

Name : _____ Score : _____

Answer key

Parallel and Perpendicular Lines

Sheet 1

1) Write the equation of the line parallel to the line y = 2x + 7 and having the y-intercept 4.

y = 2x + 4

2) Write the equation of the line l having the y-intercept 6 and perpendicular to the line m which ha

$y = -\frac{1}{9}$

3) Find the equati parallel to the line v whose slope is -

y = –x

4) Find the equati - 9 and having the y-intercept –3.

y = –x – 3

5) Write the equation of the line having the y-intercept 7 and parallel to $y = \frac{2}{5}x - 10$.

$y = \frac{2}{5}x + 7$