Name : _____   Score : _____

Teacher : _____   Date : _____

Parallel Lines

Find the equation of a line passing through the given point and parallel to the given equation.
Write your answer in slope-intercept form.

1) (3 , -3) and y = - 6x - 3

Answer: _____

5) (-1 , -5) and 3x + 2y = 12

Answer: _____

2) (2 , 0) and y = - x + 4

Answer: _____

6) (3 , -3) and y = $\frac{1}{5}$x + 5

Answer: _____

3) (-1 , 5) and y = - $\frac{5}{2}$x - 1

Answer: _____

7) (-5 , -3) and x - y = 12

Answer: _____

4) (1 , 5) and 5x + 6y = -12

Answer: _____

8) (2 , -1) and 2x + 9y = 18

Answer: _____

Name : _____   Score : _____

Teacher : _____   Date : _____

Parallel Lines

Find the equation of a line passing through the given point and parallel to the given equation.
Write your answer in slope-intercept form.

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1) (3 , -3) and y = - 6x - 3

Answer: $y = -6x + 15$

---

2) (2 , 0) and y = - x + 4

Answer: $y = -x + 2$

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3) (-1 , 5) and $y = -\frac{5}{2}x - 1$

Answer: $y = -\frac{5}{2}x + \frac{5}{2}$

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4) (1 , 5) and 5x + 6y = -12

Answer: $y = -\frac{5}{6}x + \frac{35}{6}$

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5) (-1 , -5) and 3x + 2y = 12

Answer: $y = -\frac{3}{2}x - \frac{13}{2}$

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6) (3 , -3) and $y = \frac{1}{5}x + 5$

Answer: $y = \frac{1}{5}x - \frac{18}{5}$

---

7) (-5 , -3) and x - y = 12

Answer: $y = x + 2$

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8) (2 , -1) and 2x + 9y = 18

Answer: $y = -\frac{2}{9}x - \frac{5}{9}$