

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) (4 , -3) and $x + y = 8$ Answer: _____	5) (0 , 3) and $y = - 6x - 3$ Answer: _____
2) (-2 , -1) and $y = x + 4$ Answer: _____	6) (-4 , 3) and $-x + 3y = -6$ Answer: _____
3) (3 , -2) and $-6x + 4y = -12$ Answer: _____	7) (5 , 1) and $y = \frac{1}{2}x - 1$ Answer: _____
4) (-2 , 0) and $-5x + 2y = 6$ Answer: _____	8) (4 , -3) and $y = -\frac{4}{3}x + 1$ Answer: _____



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1) (4 , -3) and $x + y = 8$ Answer: $y = -x + 1$	5) (0 , 3) and $y = -6x - 3$ Answer: $y = -6x + 3$
2) (-2 , -1) and $y = x + 4$ Answer: $y = x + 1$	6) (-4 , 3) and $-x + 3y = -6$ Answer: $y = \frac{1}{3}x + \frac{13}{3}$
3) (3 , -2) and $-6x + 4y = -12$ Answer: $y = \frac{3}{2}x - \frac{13}{2}$	7) (5 , 1) and $y = \frac{1}{2}x - 1$ Answer: $y = \frac{1}{2}x - \frac{3}{2}$
4) (-2 , 0) and $-5x + 2y = 6$ Answer: $y = \frac{5}{2}x + 5$	8) (4 , -3) and $y = -\frac{4}{3}x + 1$ Answer: $y = -\frac{4}{3}x + \frac{7}{3}$

