

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



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1) $(-4, 5)$ and $y = -\frac{1}{3}x + 1$ Answer: $y = -\frac{1}{3}x + \frac{11}{3}$	5) $(-3, 0)$ and $y = \frac{7}{3}x + 5$ Answer: $y = \frac{7}{3}x + 7$
2) $(-1, -5)$ and $y = \frac{7}{4}x - 3$ Answer: $y = \frac{7}{4}x - \frac{13}{4}$	6) $(-3, -5)$ and $y = -\frac{2}{3}x - 2$ Answer: $y = -\frac{2}{3}x - 7$
3) $(-1, 5)$ and $y = x + 4$ Answer: $y = x + 6$	7) $(0, -2)$ and $y = \frac{3}{2}x + 3$ Answer: $y = \frac{3}{2}x - 2$
4) $(2, 3)$ and $y = 2x - 2$ Answer: $y = 2x - 1$	8) $(2, -5)$ and $y = -\frac{7}{3}x + 4$ Answer: $y = -\frac{7}{3}x - \frac{1}{3}$

