Math 1   Name_____

Lesson 12 Assignment Equations of Lines - 2 Points   Date_____ Period_____

Write the slope-intercept form of the equation of the line through the given points.

1) through: $(3, 0)$ and $(2, -2)$ 2) through: $(3, -4)$ and $(-1, -3)$

3) through: $(-4, 5)$ and $(0, 4)$ 4) through: $(3, -4)$ and $(-1, 5)$

5) through: $(-3, 0)$ and $(-4, -5)$ 6) through: $(0, -1)$ and $(2, 2)$

7) through: $(5, 4)$ and $(-2, -2)$ 8) through: $(-5, -5)$ and $(4, 2)$

9) through: $(5, -1)$ and $(3, 5)$ 10) through: $(-5, 1)$ and $(4, 4)$

Answers to Lesson 12 Assignment Equations of Lines - 2 Points (ID: 1)

1) $y = 2x - 6$

2) $y = -\dfrac{1}{4}x - \dfrac{13}{4}$

3) $y = -\dfrac{1}{4}x + 4$

4) $y = -\dfrac{9}{4}x + \dfrac{11}{4}$

5) $y = 5x + 15$

6) $y = \dfrac{3}{2}x - 1$

7) $y = \dfrac{6}{7}x - \dfrac{2}{7}$

8) $y = \dfrac{7}{9}x - \dfrac{10}{9}$

9) $y = -3x + 14$

10) $y = \dfrac{1}{3}x + \dfrac{8}{3}$