Quiz 17.3

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Solve each system by substitution.

1) $8x - 8y = 24$
$y = -2x + 3$

A) $(2, 1)$ B) $(-2, -1)$
C) $(1, 2)$ D) $(2, -1)$

2) $8x - 2y = 24$
$y = x$

A) $(4, 4)$ B) $(4, -4)$
C) No solution D) $(1, -4)$

3) $2x + 3y = -20$
$y = 6x$

A) $(6, -1)$ B) $(-6, -1)$
C) $(-1, 6)$ D) $(-1, -6)$

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

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

A) $x = -2$ B) $y = -\frac{1}{5}x - \frac{2}{5}$
C) $y = -2$ D) $y = -\frac{2}{5}x - \frac{1}{5}$

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

A) $y = -3x + \frac{2}{5}$
B) $y = 3x + \frac{2}{5}$
C) $y = \frac{2}{5}x - 3$
D) $y = -\frac{2}{5}x - 3$

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