

Graphing Worksheet 44

Use the given information to write the equation of the line in point-slope form. Then change the equation to slope-intercept form. Finally, change the equation to standard form.

1. Slope: $\frac{9}{4}$ Point: $(-10, -10)$ 2. Slope: $\frac{2}{3}$ Point: $(-2, 9)$ 3. Slope: $\frac{10}{9}$ Point: $(3, 0)$

4. Slope: $-\frac{7}{10}$ Point: $(8, 4)$ 5. Slope: $\frac{4}{3}$ Point: $(6, -10)$ 6. Slope: $\frac{4}{9}$ Point: $(9, -6)$

7. Points: $(-6, -10)$ and $(4, 10)$ **8.** Points: $(-1, -2)$ and $(-5, 7)$ **9.** Points: $(-8, -6)$ and $(-2, -4)$

10. Points: $(5, 0)$ and $(1, -10)$ **11.** Points: $(-3, -1)$ and $(1, 10)$ **12.** Points: $(-6, 9)$ and $(1, -3)$