

Graphing Worksheet 21

Use the given information to write the equation in slope-intercept form.

1. passes through
 $(4, -10)$ and $(7, -3)$

2. slope: $-\frac{6}{7}$
 y -intercept: $(0, -10)$

3. passes through
 $(-8, -9)$ and $(0, -9)$

4. passes through
 $(9, 5)$ and $(9, 2)$

5. slope: 10
 y -intercept: $(0, 3)$

6. passes through
 $(5, 10)$ and $(7, 10)$

7. slope: $-\frac{1}{4}$
 y -intercept: $(0, 0)$

8. slope: 0
 y -intercept: $(0, 7)$

9. passes through
 $(-10, 8)$ and $(10, -7)$

10. slope: $-\frac{3}{2}$
y-intercept: $(0, -5)$

11. slope: $-\frac{2}{3}$
y-intercept: $(0, -2)$

12. passes through
 $(-7, -6)$ and $(4, -4)$

13. passes through
 $(-9, 8)$ and $(0, 5)$

14. slope: $-\frac{1}{3}$
y-intercept: $(0, -6)$

15. slope: $-\frac{1}{10}$
y-intercept: $(0, -4)$

16. passes through
 $(8, 3)$ and $(0, -9)$

17. passes through
 $(-1, -5)$ and $(0, -7)$

18. passes through
 $(8, 2)$ and $(5, 0)$