

Algebra 2
Worksheet B1

Graph each horizontal or vertical line.

1. $x = 4$

2. $y = -2$

3. $x = -1$

Find the intercepts for each linear function and graph.

4. $2x + 3y = -12$

5. $4x - 8y = 16$

6. $x + 2y = -8$

7. $3x + 5y = 9$

Write in Standard Form.

8. $y = 2x + 5$

9. $\frac{x}{2} + 4y = 3$

10. $3y = 2 - 5x$

Evaluate given the functions below.

$$f(x) = x^2 - 3$$

$$g(x) = 2x + 5$$

$$h(x) = -4x - 6$$

11. $f(-2)$

12. $h(3)$

13. $g(-5)$

14. $f(4) + 6$

15. $g(8) - 10$

16. $h(7) + 8$

17. $-3(f(2))$

18. $5(g(-4))$

19. $6(h(-2))$

20. $2(g(3)) - 4$

21. $-4(f(5)) + 2$

22. $4(h(-2)) - 8$