

# Algebra 2 Readiness: Fall Answer Key

1. -4

2. 6

3. 3

4.  $(x + 1)$  and  $(x + 3)$

5.  $(x + 3)$  and  $(x - 2)$

6. -3 and -4

7. 6

8. 2

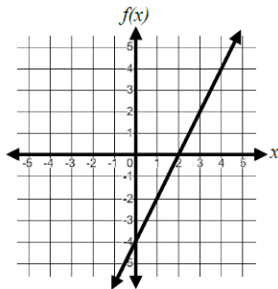
9. 29

10. **non-linear** because the values of  $x$  and  $f(x)$  **do not always** change at a constant rate

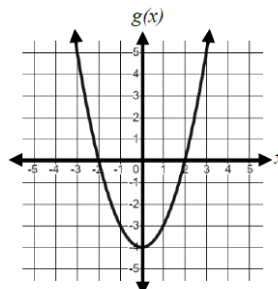
11. **linear** because the values of  $x$  and  $g(x)$  **always** change at a constant rate

12.  $g(x) = 2x + 5$  and  $k(x) = x$

13.



14.



15.

