

# Algebra 2 Readiness: Summer Pre Answer Key

1. **6**

2. **8**

3. **1**

4.  **$(x + 3)$  and  $(x + 2)$**

5.  **$(x + 4)$  and  $(x - 2)$**

6. **-3 and -5**

7. **-4**

8. **3**

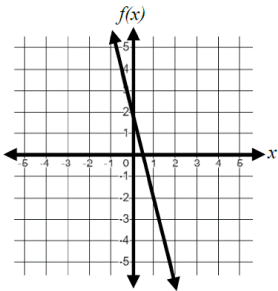
9. **19**

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

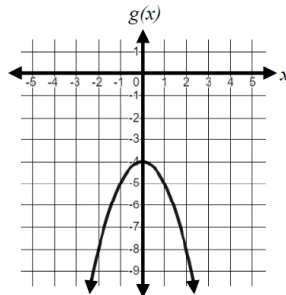
11. **non-linear** because the values of  $x$  and  $f(x)$  **do not always** change at a constant rate

12.  **$f(x) = x^2 + 5$  and  $h(x) = 2^x + 5$**

13.



14.



15.

