

Algebra 2 Readiness: Winter 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**

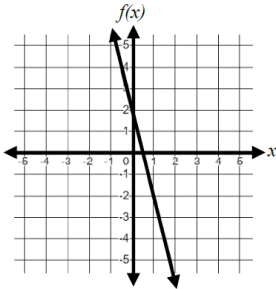
9. **19**

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

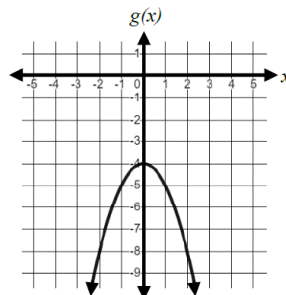
11. **non-linear** because the values of x and $f(x)$ **do not always** change at a constant rate

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

13.



14.



15.

