

1.1**Practice**

For use after Lesson 1.1

Find the absolute value of the integer.

1. -1

2. -14

3. 0

4. 6

Complete the statement using $<$, $>$, or $=$.

5. $6 \underline{\hspace{1cm}} |-2|$

6. $-7 \underline{\hspace{1cm}} |-8|$

7. $|-9| \underline{\hspace{1cm}} 5$

8. $|-2| \underline{\hspace{1cm}} 2$

Order the values from least to greatest.

9. $4, |7|, -1, |-3|, -4$

10. $|2|, -3, |-5|, -1, 6$

11. $|-8|, 0, -9, |-7|, -2$

12. You download 12 new songs to your MP3 player. Then you delete 5 old songs. Write each amount as an integer.

13. The mantle layer of Earth begins about 70 kilometers underneath the surface. The layer called the outer core begins about 2970 kilometers underneath the surface.

- a. Write an integer for the position of each layer relative to the surface.

Mantle layer _____

Outer core _____

- b. Which integer in part (a) is greater?

- c. Which integer in part (a) has the greater absolute value? How does this relate to the layer that has the greatest distance from the surface?