



## Subtracting Absolute Value

Date \_\_\_\_\_ Period \_\_\_\_\_

**Evaluate.**

1.  $|-7| - |0|$

7

2.  $|-2| - |9|$

-7

3.  $|7| - |3|$

4

4.  $|-6| - |-4|$

2

5.  $|-5| - |-1|$

4

6.  $|-2| - |1|$

1

7.  $|4| - |-10|$

-6

8.  $|9| - |5|$

4

9.  $|-8| - |-1|$

7

10.  $|6| - |4|$

2

11.  $|1| - |7|$

-6

12.  $|2| - |4|$

-2

## Subtracting Absolute Value

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solution Steps**

$$1) \quad | - 7 | - |$$

$$| - 7 | = 7$$

$$| 0 | = 0$$

$$7 - 0 = 7$$

$$2) \quad | - 2 | - |$$

$$| - 2 | = 2$$

$$| 9 | = 9$$

$$2 - 9 = -7$$

$$3) \quad | 7 | - | 3$$

$$| 7 | = 7$$

$$| 3 | = 3$$

$$7 - 3 = 4$$

$$4) \quad | - 6 | - | -$$

$$| - 6 | = 6$$

$$| - 4 | = 4$$

$$6 - 4 = 2$$

$$5) \quad | - 5 | - | -$$

$$| - 5 | = 5$$

$$| - 1 | = 1$$

$$5 - 1 = 4$$

$$6) \quad | - 2 | - |$$

$$| - 2 | = 2$$

$$| 1 | = 1$$

$$2 - 1 = 1$$

$$7) \quad | 4 | - | - 10 |$$

$$| 4 | = 4$$

$$| - 10 | = 10$$

$$4 - 10 = -6$$

$$8) \quad | 9 | - | 5 |$$

$$| 9 | = 9$$

$$| 5 | = 5$$

$$9 - 5 = 4$$

$$9) \quad | - 8 | - | -$$

$$| - 8 | = 8$$

$$| - 1 | = 1$$

$$8 - 1 = 7$$

$$10) \quad | 6 | - | 4 |$$

$$| 6 | = 6$$

$$| 4 | = 4$$

$$6 - 4 = 2$$

$$11) \quad | 1 | - | 7 |$$

$$| 1 | = 1$$

$$| 7 | = 7$$

$$1 - 7 = -6$$

$$^{12)} |2| - |4|$$

$$|2| = 2$$

$$|4| = 4$$

$$2 - 4 = -2$$