ABSOLUTE VALUE · GRADE 8

# Absolute Value · Grade 8

Name _____ Date _____ Score _____ / 12

**01** $|x + 8| = 9$ _____

**02** $|x + 8| = 12$ _____

**03** $|x + 4| = 5$ _____

**04** $|x - 10| = 2$ _____

**05** $|x + 6| = 6$ _____

**06** $|x + 11| = 8$ _____

**07** $|x + 6| = 9$ _____

**08** $|x| = 8$ _____

**09** $|x - 5| = 5$ _____

**10** $|x + 12| = 5$ _____

**11** $|x + 3| = 10$ _____

**12** $|x| = 3$ _____

# Absolute Value · Grade 8 (Answer Key)

01 $|x + 8| = 9$ **x = 1 or x = −17**

02 $|x + 8| = 12$ **x = 4 or x = −20**

03 $|x + 4| = 5$ **x = 1 or x = −9**

04 $|x - 10| = 2$ **x = 12 or x = 8**

05 $|x + 6| = 6$ **x = 0 or x = −12**

06 $|x + 11| = 8$ **x = −3 or x = −19**

07 $|x + 6| = 9$ **x = 3 or x = −15**

08 $|x| = 8$ **x = 8 or x = −8**

09 $|x - 5| = 5$ **x = 10 or x = 0**

10 $|x + 12| = 5$ **x = −7 or x = −17**

11 $|x + 3| = 10$ **x = 7 or x = −13**

12 $|x| = 3$ **x = 3 or x = −3**