ABSOLUTE VALUE · GRADE 7

Absolute Value · Grade 7

Name _____ Date _____ Score _____ / 12

01 $|x + 3| = 8$ ____

02 $|x + 10| = 5$ ____

03 $|x - 1| = 15$ ____

04 $|x + 9| = 13$ ____

05 $|x - 8| = 11$ ____

06 $|x - 13| = 14$ ____

07 $|x - 4| = 1$ ____

08 $|x - 5| = 6$ ____

09 $|x + 3| = 10$ ____

10 $|x - 2| = 15$ ____

11 $|x + 14| = 9$ ____

12 $|x + 12| = 10$ ____

Absolute Value · Grade 7 (Answer Key)

01 $|x + 3| = 8$ **x = 5 or x = −11**

02 $|x + 10| = 5$ **x = −5 or x = −15**

03 $|x - 1| = 15$ **x = 16 or x = −14**

04 $|x + 9| = 13$ **x = 4 or x = −22**

05 $|x - 8| = 11$ **x = 19 or x = −3**

06 $|x - 13| = 14$ **x = 27 or x = −1**

07 $|x - 4| = 1$ **x = 5 or x = 3**

08 $|x - 5| = 6$ **x = 11 or x = −1**

09 $|x + 3| = 10$ **x = 7 or x = −13**

10 $|x - 2| = 15$ **x = 17 or x = −13**

11 $|x + 14| = 9$ **x = −5 or x = −23**

12 $|x + 12| = 10$ **x = −2 or x = −22**