ABSOLUTE VALUE · GRADE 8

Absolute Value · Grade 8

Name _____ Date _____ Score _____ / 12

01 $|x + 9| = 14$ _____

02 $|x + 10| = 11$ _____

03 $|x + 2| = 8$ _____

04 $|x + 14| = 9$ _____

05 $|x| = 2$ _____

06 $|x - 10| = 6$ _____

07 $|x + 13| = 9$ _____

08 $|x + 11| = 11$ _____

09 $|x + 7| = 14$ _____

10 $|x + 8| = 13$ _____

11 $|x - 9| = 13$ _____

12 $|x + 1| = 15$ _____

Absolute Value · Grade 8 (Answer Key)

01 $|x + 9| = 14$ **x = 5 or x = −23**

02 $|x + 10| = 11$ **x = 1 or x = −21**

03 $|x + 2| = 8$ **x = 6 or x = −10**

04 $|x + 14| = 9$ **x = −5 or x = −23**

05 $|x| = 2$ **x = 2 or x = −2**

06 $|x − 10| = 6$ **x = 16 or x = 4**

07 $|x + 13| = 9$ **x = −4 or x = −22**

08 $|x + 11| = 11$ **x = 0 or x = −22**

09 $|x + 7| = 14$ **x = 7 or x = −21**

10 $|x + 8| = 13$ **x = 5 or x = −21**

11 $|x − 9| = 13$ **x = 22 or x = −4**

12 $|x + 1| = 15$ **x = 14 or x = −16**