ABSOLUTE VALUE · GRADE 6

Absolute Value · Grade 6

Name _____ Date _____ Score _____ / 12

01 |x + 12| = 3 ____

02 |x + 12| = 12 ____

03 |x + 3| = 5 ____

04 |x − 2| = 10 ____

05 |x + 7| = 8 ____

06 |x + 2| = 6 ____

07 |x − 7| = 4 ____

08 |x + 8| = 2 ____

09 |x + 4| = 9 ____

10 |x| = 12 ____

11 |x + 7| = 9 ____

12 |x + 7| = 7 ____

Absolute Value · Grade 6 (Answer Key)

01 $|x + 12| = 3$ **x = −9 or x = −15**

02 $|x + 12| = 12$ **x = 0 or x = −24**

03 $|x + 3| = 5$ **x = 2 or x = −8**

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

05 $|x + 7| = 8$ **x = 1 or x = −15**

06 $|x + 2| = 6$ **x = 4 or x = −8**

07 $|x - 7| = 4$ **x = 11 or x = 3**

08 $|x + 8| = 2$ **x = −6 or x = −10**

09 $|x + 4| = 9$ **x = 5 or x = −13**

10 $|x| = 12$ **x = 12 or x = −12**

11 $|x + 7| = 9$ **x = 2 or x = −16**

12 $|x + 7| = 7$ **x = 0 or x = −14**