

Lesson 4.3 Absolute Value

The **absolute value** of a number is its distance from zero.

Absolute value is represented by vertical lines on either side of an integer.

What is the absolute value of 8? $|8| = 8$

What is the absolute value of -8? $|-8| = 8$

Find the absolute value of each integer.

a

1. $|4| = \underline{\hspace{2cm}}$

2. $-|-7| = \underline{\hspace{2cm}}$

3. $-|12| = \underline{\hspace{2cm}}$

4. $|-14| = \underline{\hspace{2cm}}$

5. $|3| = \underline{\hspace{2cm}}$

6. $-|-15| = \underline{\hspace{2cm}}$

7. $|16| = \underline{\hspace{2cm}}$

8. $-|40| = \underline{\hspace{2cm}}$

9. $|33| = \underline{\hspace{2cm}}$

10. $|26| = \underline{\hspace{2cm}}$

11. $-|53| = \underline{\hspace{2cm}}$

12. $|25| = \underline{\hspace{2cm}}$

b

$|-13| = \underline{\hspace{2cm}}$

$|11| = \underline{\hspace{2cm}}$

$-|5| = \underline{\hspace{2cm}}$

$-|8| = \underline{\hspace{2cm}}$

$|-7| = \underline{\hspace{2cm}}$

$|9| = \underline{\hspace{2cm}}$

$|-6| = \underline{\hspace{2cm}}$

$-|-24| = \underline{\hspace{2cm}}$

$-|-41| = \underline{\hspace{2cm}}$

$|-18| = \underline{\hspace{2cm}}$

$|-21| = \underline{\hspace{2cm}}$

$-|-21| = \underline{\hspace{2cm}}$

c

$-|10| = \underline{\hspace{2cm}}$

$|-2| = \underline{\hspace{2cm}}$

$|1| = \underline{\hspace{2cm}}$

$-|-13| = \underline{\hspace{2cm}}$

$-|4| = \underline{\hspace{2cm}}$

$|-12| = \underline{\hspace{2cm}}$

$-|20| = \underline{\hspace{2cm}}$

$|17| = \underline{\hspace{2cm}}$

$|-19| = \underline{\hspace{2cm}}$

$-|35| = \underline{\hspace{2cm}}$

$|30| = \underline{\hspace{2cm}}$

$|-47| = \underline{\hspace{2cm}}$

Lesson 4.3 Absolute Value

Find the absolute value of each integer.

a

1. $|64| = \underline{\hspace{2cm}}$

2. $-|-8| = \underline{\hspace{2cm}}$

3. $-|76| = \underline{\hspace{2cm}}$

4. $|-62| = \underline{\hspace{2cm}}$

5. $|2| = \underline{\hspace{2cm}}$

6. $-|-13| = \underline{\hspace{2cm}}$

7. $|35| = \underline{\hspace{2cm}}$

8. $-|51| = \underline{\hspace{2cm}}$

9. $|73| = \underline{\hspace{2cm}}$

10. $|65| = \underline{\hspace{2cm}}$

11. $|-67| = \underline{\hspace{2cm}}$

12. $|34| = \underline{\hspace{2cm}}$

13. $|58| = \underline{\hspace{2cm}}$

14. $-|6| = \underline{\hspace{2cm}}$

15. $|10| = \underline{\hspace{2cm}}$

16. $-|-22| = \underline{\hspace{2cm}}$

b

$|-81| = \underline{\hspace{2cm}}$

$|19| = \underline{\hspace{2cm}}$

$-|3| = \underline{\hspace{2cm}}$

$-|95| = \underline{\hspace{2cm}}$

$|-36| = \underline{\hspace{2cm}}$

$|48| = \underline{\hspace{2cm}}$

$|-29| = \underline{\hspace{2cm}}$

$|-57| = \underline{\hspace{2cm}}$

$-|-55| = \underline{\hspace{2cm}}$

$|-37| = \underline{\hspace{2cm}}$

$|-70| = \underline{\hspace{2cm}}$

$-|-63| = \underline{\hspace{2cm}}$

$|-93| = \underline{\hspace{2cm}}$

$-|-17| = \underline{\hspace{2cm}}$

$|-49| = \underline{\hspace{2cm}}$

$-|79| = \underline{\hspace{2cm}}$

c

$-|32| = \underline{\hspace{2cm}}$

$|-53| = \underline{\hspace{2cm}}$

$|11| = \underline{\hspace{2cm}}$

$-|-42| = \underline{\hspace{2cm}}$

$-|9| = \underline{\hspace{2cm}}$

$|-27| = \underline{\hspace{2cm}}$

$-|23| = \underline{\hspace{2cm}}$

$|80| = \underline{\hspace{2cm}}$

$|-46| = \underline{\hspace{2cm}}$

$-|59| = \underline{\hspace{2cm}}$

$|50| = \underline{\hspace{2cm}}$

$|-71| = \underline{\hspace{2cm}}$

$|-21| = \underline{\hspace{2cm}}$

$-|88| = \underline{\hspace{2cm}}$

$-|5| = \underline{\hspace{2cm}}$

$|31| = \underline{\hspace{2cm}}$