
Solving for x: Lesson 15

Solving Absolute Value Equations: Worksheet 1

Name: _____



Evaluate.

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

$|0.7| = \underline{\hspace{2cm}}$

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

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

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

$|2.3| = \underline{\hspace{2cm}}$

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

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

$|10 - 4 - 7| = \underline{\hspace{2cm}}$

$|-3 \cdot -7| = \underline{\hspace{2cm}}$

$|(4 + 5) - 17| = \underline{\hspace{2cm}}$

Solve for x.

$|x| = 7$

$|x| = -20$

$|x - 4| = 3$

$3|x - 2| = 12$

$-5|3x - 2| = -20$

$|2x + 7| + 1 = 8$

$\frac{|2x+6|}{3} = 1$

$\frac{|x-4|}{6} + 5 = 10$

$3|8x + 11| + 7 = 1$