

Name:

Grade:

Score:

Worksheet #3



## ABSOLUTE VALUE

**Learning goal:** Students will apply properties of absolute value in solving questions involving addition, subtraction, multiplication, and equations.

1.  $|-8| + |-6| = ?$

2.  $|15| - |-10| = ?$

3.  $|-7| \times |3| = ?$

4.  $|-24| \div |-6| = ?$

5. If  $|x| + |-5| = 12$ , what is  $|x|$ ?

6.  $|-9| - |4| = ?$

7.  $|-2| \times |-11| = ?$

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## Worksheet #3(Answers)



### ABSOLUTE VALUE

**Learning goal:** Students will apply properties of absolute value in solving questions involving addition, subtraction, multiplication, and equations.

1.  $|-8| + |-6| = ?$

**Solution:**  $8 + 6 = 14$

2.  $|15| - |-10| = ?$

**Solution:**  $15 - 10 = 5$

3.  $|-7| \times |3| = ?$

**Solution:**  $7 \times 3 = 21$

4.  $|-24| \div |-6| = ?$

**Solution:**  $24 \div 6 = 4$

5. If  $|x| + |-5| = 12$ , what is  $|x|$ ?

**Solution:**  $|x| = 7$

6.  $|-9| - |4| = ?$

**Solution:**  $9 - 4 = 5$

7.  $|-2| \times |-11| = ?$

**Solution:**  $2 \times 11 = 22$