MeandMath

Worksheet #4

ABSOLUTE VALUE

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

1. If $|a| = 6$ and $|b| = 2$, find $|a| + |b|$.

2. If $|m| - |n| = 0$, what can you say about $|m|$ and $|n|$?

3. Simplify: $|-5| + |-3| - |2|$.

4. Calculate $|-20| + |13|$.

5. What is the value of $|18| - |-9|$?

6. Find the product: $|-4| \times |-7|$.

7. Evaluate $|-30| \div |5|$.

Name: **Grade:** **Score:**

Worksheet #4(Answers)

ABSOLUTE VALUE

MeandMath™
BELIEVE YOURSELF

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

1. If |a| = 6 and |b| = 2, find |a| + |b|.

Solution: 6 + 2 = 8

2. If |m| – |n| = 0, what can you say about |m| and |n|?

Solution: |m| = |n|

3. Simplify: |–5| + |–3| – |2|.

Solution: 5 + 3 – 2 = 6

4. Calculate | –20 | + | 13 |.

Solution: 20 + 13 = 33

5. What is the value of | 18 | – | –9 |?

Solution: 18 – 9 = 9

6. Find the product: | –4 | × | –7 |.

Solution: 4 × 7 = 28

7. Evaluate | –30 | ÷ | 5 |.

Solution: 30 ÷ 5 = 6