



# ABSOLUTE VALUE

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Class: \_\_\_\_\_

1 Which of the following numbers is an integer?

- A 5.2
- B -3
- C  $\frac{2}{3}$
- D 1.33333333....

2 Which of the following has the same absolute value as 5?

- A .5
- B  $\frac{1}{2}$
- C  $\frac{1}{5}$
- D -5

3 When your teacher asks for a number's absolute value, she's asking for:

- A Its distance from zero on a number line
- B Its relationship to its additive inverse
- C The number of times it can be divided by 2
- D The product of the number times itself

4 What is the absolute value of -6?

- A  $\frac{1}{6}$
- B -12
- C 6
- D 0

5 What is  $| -9 | + 1$ ?

- A -8
- B 10
- C -10
- D 8

6 What are the two possible answers for the equation  $|x-3| = 10$ ?

- A 10 and -10
- B 5 and -5
- C -13 and 7
- D 13 and -7

7 What are the two possible answers for the equation  $|x/5| = 3$ ?

- A 15 and -15
- B 8 and -8
- C -2 and 2
- D 0 and -1

8 What are the two possible answers for the equation  $| -3x | = 36$ ?

- A -33 and 39
- B 12 and -12
- C 9 and -9
- D -5 and -8

9 What is  $10 - | -11 |$ ?

- A 11
- B -11
- C -10
- D 9

10 What are the two possible answers for the equation  $|9 + x| = 9$ ?

- A -1 and 1
- B 9 and 0
- C 0 and -18
- D 10 and -10