**Classwork: Integers**  Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block\_\_\_\_\_

Use the number line below to answer the following questions.

A B C D E F G H

-1 0 1

Write the letter for the points whose coordinates are given or described.

1. It is the smallest integer that is graphed. \_\_\_\_\_\_\_
2. The only integer that is neither positive nor negative. \_\_\_\_\_\_\_
3. It is the largest integer that is graphed. \_\_\_\_\_\_
4. It has the absolute value of 8. \_\_\_\_\_\_
5. Which two letters have the same absolute value? \_\_\_\_\_
6. Graph the following points on the number line: J at -4 and K at 3.
7. What is the integer for point A? \_\_\_\_\_

Tell whether each number is a **counting number, whole number** and/or **integer** *(can be more than one or none at all).*

1. 36 \_\_\_\_\_\_\_\_\_\_\_\_ **9.** ¾ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **10.** -115 \_\_\_\_\_\_\_\_\_\_\_\_\_

**11.**  \_\_\_\_\_\_\_\_\_\_\_ **12.** -10.0 \_\_\_\_\_\_\_\_\_\_\_\_\_ **13.** 4.01 \_\_\_\_\_\_\_\_\_\_\_\_\_

Write the **opposite** of each integer.

**14.** -21 \_\_\_\_\_\_\_ **15.** 618 \_\_\_\_\_\_\_\_ **16.** 8 \_\_\_\_\_\_\_\_\_ **17.** 0 \_\_\_\_\_\_\_\_\_\_\_

Find the **absolute value**.

**18.** │9│= \_\_\_\_\_\_ **19.** │-39│ = \_\_\_\_\_\_ **20.** │-94│ = \_\_\_\_\_ **21.** │189│ = \_\_\_\_\_\_\_

Replace each \_\_\_\_\_ with **<** or **>** to make a true statement.

**22.** -57 \_\_\_\_ -75 **23.** -21 \_\_\_\_\_12 **24.** │-5│\_\_\_\_\_\_ 0 **25.** -2 \_\_\_\_\_\_5

**26.** -8 \_\_\_\_\_-4 **27.** 0 \_\_\_\_\_\_-18 **28.** -36 \_\_\_\_\_\_ 36 **29.** │78│ \_\_\_\_\_│-99│

Write an integer to describe the situation.

**30.** A decrease of 6 members \_\_\_\_\_\_\_ **31.** A gain of 5 pounds \_\_\_\_\_\_\_\_\_\_\_\_

**32.** A withdraw of $45 \_\_\_\_\_\_\_\_\_\_

Put the following integers in **ascending** order.

**33.** 100, -188, -190, -100 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**34.** -$8, $11, -$12, $7, -$10, $9 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**35.** List 6 integers between -6 and -15. Write them in **descending** order.