

**ANSWER KEY**

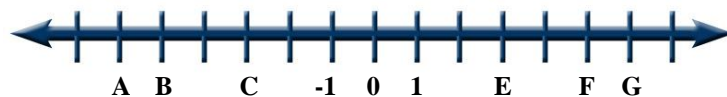
1. Circle the numbers that are integers:  $\textcircled{5}$   $-2\frac{1}{4}$   $\textcircled{-12}$   $\pi$   $-8.4$   $\textcircled{0}$   $\sqrt{6}$
2. Circle the numbers that are *not* integer values:  $-\sqrt{4}$   $\textcircled{\sqrt{-4}}$   $\textcircled{\frac{1}{7}}$   $\frac{7}{1}$   $\textcircled{60\%}$   $40$
3. What is the opposite of  $-3$ ?  $3$  (or  $+3$ )      4. What is the additive inverse of  $17$ ?  $-17$
5. Which letter corresponds to the placement of  $-1$  on the number line below?  $C$



6. Which letter corresponds to the placement of  $+1$  on the number line below?  $D$



7. Which letter(s) indicate values that are 6 units from zero on the number line below?  $A$  and  $G$



For #8 – 13, evaluate each absolute value expression:

8.  $|-12| = \underline{12}$       9.  $|45| = \underline{45}$       10.  $|0| = \underline{0}$
11.  $-|20| = \underline{-20}$       12.  $-|-8| = \underline{-8}$       13.  $-|0| = \underline{0}$
14. True or False: 9 is the opposite of  $-9$ .  $true$
15. True or False: The absolute value of 3 is  $-3$ .  $false$

For #16 – 21, use  $>$ ,  $<$ , or  $=$  in each circle to make a true statement.

16.  $-3 \textcircled{<} 7$       17.  $-7 \textcircled{<} 3$       18.  $-3 \textcircled{>} -7$
19.  $-5 \textcircled{<} \frac{6}{7}$       20.  $0 \textcircled{>} -100$       21.  $-55 \textcircled{>} -56$

22. Place the numbers in order from least to greatest:  $-7, 12, 0, 5, -3, -0.5, 8, -100, \frac{1}{2}$   
 $-100, -7, -3, -0.5, 0, \frac{1}{2}, 5, 8, 12$