

Math 7A Chapter 2 Practice Test

Write the letter for the correct answer in the blank at the right of each question.

1. What is the value of $1 - (-1)$ **1.** _____

2. What is the value of $|-7| + 7$ **2.** _____

3. What is the value of $|-7 - 3|$ **3.** _____

For Exercises 4 and 5, what symbol would replace ● to make a true sentence.

4. -2 ● -17
A. < **B.** = **C.** > **D.** + **4.** _____

5. -97 ● 79
A. < **B.** = **C.** > **D.** + **5.** _____

6. Write an inequality that can be formed using -8 and 6 ? **6.** _____

7. Give a pair of integers that, when combined, equal -3 ? **7.** _____

8. A stock decreases \$11 a day for 9 days. Which integer represents the total decrease?
A. $-\$99$ **B.** $-\$2$ **C.** $\$20$ **D.** $\$99$ **8.** _____

9. What is the value of the expression $-15 + 12 + (-12)$? **9.** _____

10. What is the quotient of: $-24 \div (-4)$. **10.** _____

11. Evaluate the expression $(-8c)(-1)$ if $c = 8$.

11. _____

12. Simplify $-4x(5y)$.

12. _____

13. Evaluate the expression $12z \div y$ if $z = 8$ and $y = -3$.

13. _____

14. Lucy hikes 5 kilometers up a mountain and then descends 2 kilometers.

14. _____

Which expression represents this situation?

A. $-5 + 2$

C. $5 - 2$

B. $-5 + (-2)$

D. $2 - 5$

15. Which equation has a graph that crosses the y -axis at $y = -4$ and the x -axis at $x = 4$. (it might help to sketch the graph)

15. _____

A. $x + y = -4$

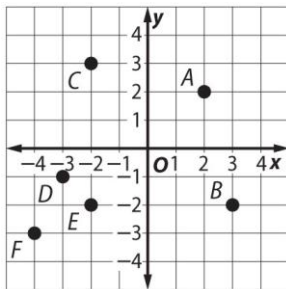
C. $y - x = 4$

B. $y - x = -4$

D. $x + y = 4$

16. Use the coordinate plane to find the distance between point E and point B .

16. _____



17. An airplane descends at a rate of 25 feet per minute. What is the airplane's change in altitude after 10 minutes? Interpret the product.

17. _____

18. Dory was at a depth of -20 feet and dove another 15 feet to visit some fish friends. How deep are Dory's fish friends?

18. _____