Test Prep: Multiple-Choice Questions

Strategy: Understand Distractors

Name _____ Date _____

When choosing the answer to a multiple-choice question, make sure that you **answer the question asked**. Distractors may be solutions to other questions that can be answered using the given information.

To select the correct answer in a multiple-choice item, try using the following strategies.

- Underline important words.
- Restate the question.
- Use the Test-Prep strategy.
- Apply appropriate rules, definitions, properties, or strategies.
- Analyze and eliminate answer choices.

Choose the correct answer. *TIP: Mark your answer sheet carefully.*

1. The graph of which equation is parallel to the graph of $y = \frac{1}{6}x - 1$?

A. $y = -6x - 1$ **C.** $y = 6x - 1$

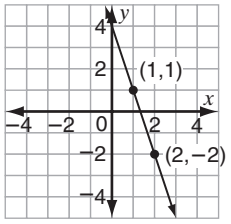
B. $y = -\frac{1}{6}x + 1$ **D.** $y = \frac{1}{6}x + 1$

2. Beth is 5 years older than Holly. Randy is 8 years older than twice Holly's age. If Randy is 16 years old, how old is Beth?

F. 4 **H.** 11

G. 9 **J.** 13

3. The graph of which equation is perpendicular to the line shown?



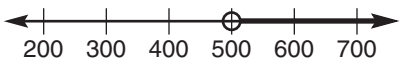
A. $y = -3x$

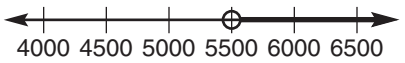
B. $y = -\frac{1}{3}x$

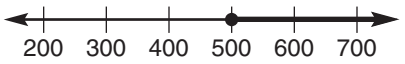
C. $y = 3x$

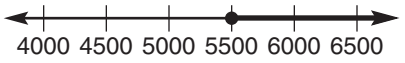
D. $y = \frac{1}{3}x$

4. Last week, Max had \$5000 in sales. This week, his sales were at least $\frac{1}{10}$ greater. Which number line represents the additional amount of sales he had this week?

F.


G.


H.


J.


5. Which list is in order from greatest to least?

A. $\sqrt{2}, |-0.9|, -\left|-\frac{3}{10}\right|, -\frac{1}{3}, -0.8$

B. $\sqrt{2}, -\left|-\frac{3}{10}\right|, -\frac{1}{3}, -0.8, |-0.9|$

C. $|-0.9|, -0.8, -\frac{1}{3}, -\left|-\frac{3}{10}\right|, \sqrt{2}$

D. $-0.8, -\frac{1}{3}, -\left|-\frac{3}{10}\right|, |-0.9|, \sqrt{2}$

6. A company is ordering ink cartridges. Black cartridges cost \$15 each and color cartridges cost \$20 each. The total cost of the order is \$190. Which equation, written in standard form, represents the situation?

F. $15x - 20y = 190$ **H.** $y = -0.75x + 9.5$

G. $15x + 20y = 190$ **J.** $y = 0.75x + 9.5$

Use with SOURCEBOOK Test Prep Lesson, page 148.