GPS COMMON CORE CORRELATION

Standard	Items
MCC6.NS.5	8, 10, 12, 18–20
MCC6.NS.6	7, 15
MCC6.NS.6a	2, 14
MCC6.NS.6b	4–5, 9, 11, 20
MCC6.NS.7	8, 13
MCC6.NS.7a	1, 6–7, 10, 16
MCC6.NS.7c	3, 14, 17–20
MCC6.NS.8	12, 18–20

TEST PREP DOCTOR ✚

Selected Response: Item 2
- Students who answered **F** transposed the digits of the number and added a negative sign.

- Students who answered **G** repeated the original number instead of finding the opposite.

- Students who answered **J** transposed the digits of the number instead of finding the opposite.

Selected Response: Item 9
- Students who answered **A** chose the only point that is to the left of the origin instead of to the right.

- Students who answered **B** may have confused the *x*- and *y*-axes; they chose the point directly above the origin instead of to the right of the origin.

- Students who answered **C** may have confused the *x*- and *y*-axes; they chose the point farthest above the origin instead of farthest to the right of the origin.

Constructed Response: Item 16
- Students who did not graph six points may have forgotten to include the opposites.

Constructed Response: Item 19
- Students who answered with a number less than 26 probably did not include all legs of Mark's route.
- Students who answered with a number greater than 26 probably miscounted one leg of Mark's trip.

Notes

Name _____ Class _____ Date _____

SELECTED RESPONSE

1. Which list of numbers is in order from least to greatest?

   A. $-0.8, 1.2, -19, 13, 16, -4, 25$

   B. $-1, -4, -8, 1.1, 1.6, -19, 23$

   C. $-19, -8, -4, -1, 1.1, 1.6, 2.5$

   D. $-1, -4, 1.1, 1.3, 16, -19, 25$

2. Which of the following numbers is the opposite of -37?

   F. -73 **H.** 37

   G. -37 **J.** 73

3. What is the absolute value of 45?

   A. -45 **C.** 0.45

   B. 0 **D.** 45

4. Both coordinates of a point in the coordinate plane are negative. In which quadrant is this point located?

   F. Quadrant I   **H.** Quadrant III

   G. Quadrant II   **J.** Quadrant IV

5. Which of the points on the coordinate plane has coordinates $(-7, 4)$?

   A. A **C.** C

   B. B **D.** D
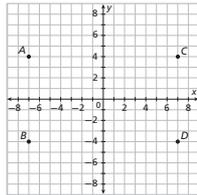
6. Which of the following inequalities is a true statement?

   F. $37 > 73$ **H.** $73 < 37$

   G. $48 > 24$ **J.** $24 > 48$

7. Which number is the greatest?

   A. $\frac{4}{9}$ **C.** $\frac{7}{8}$

   B. $\frac{3}{4}$ **D.** $\frac{8}{9}$

8. Order the fractions $\frac{1}{2}, \frac{4}{7}, \frac{3}{8}$ from least to greatest.

   F. $\frac{3}{8}, \frac{4}{7}, \frac{1}{2}$ **H.** $\frac{1}{2}, \frac{3}{8}, \frac{4}{7}$

   G. $\frac{3}{8}, \frac{1}{2}, \frac{4}{7}$ **J.** $\frac{4}{7}, \frac{1}{2}, \frac{3}{8}$

9. Which of the following coordinates is farthest to the right of the origin on a coordinate plane?

   A. $(-19, 7)$ **C.** $(4, 15)$

   B. $(0, 12)$ **D.** $(7, 0)$

**10.** The table shows the low temperature for several days. Which day was the coldest?

Day	Temperature (°F)
Monday	−4
Tuesday	0
Wednesday	−2
Thursday	5
Friday	3

   F. Monday   **H.** Wednesday

   G. Tuesday   **J.** Thursday

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11. Which point is not located in a quadrant?

   A. $(1, -2)$

   B. $(-2.5, 3)$

   C. $(5, 0)$

   D. $(-6, -10)$

12. The point $(-2, -2)$ is reflected across the x-axis. What are the coordinates of the new point?

   F. $(-2, -2)$ **H.** $(2, -2)$

   G. $(-2, 2)$ **J.** $(2, 2)$

13. Which statement about negative numbers is **not** true?

   A. Negative numbers are located to the left of 0 on a number line.

   B. The absolute value of a negative number is negative.

   C. Negative numbers are less than positive numbers.

   D. A negative number is less than its opposite.

14. What is the opposite of the opposite of -7?

   F. -7 **H.** $|7|$

   G. 7 **J.** $|-7|$

CONSTRUCTED RESPONSE

Use the number line for 15–17.

$|-4| = 4$

$-5\ -4\ -3\ -2\ -1\quad 0\quad 1\quad 2\quad 3\quad 4\quad 5$
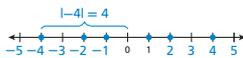
15. The number line has been partially labeled. Label the rest of the number line.

16. Graph the integers $-2, 4, 1$, and their opposites on the number line.

17. Choose one of the integers from item 16 and show on the number line how to find its absolute value.

   Sample answer shown above.

Mark drives to work every morning. On the way, he stops for breakfast at a café. His route is mapped on the coordinate plane.
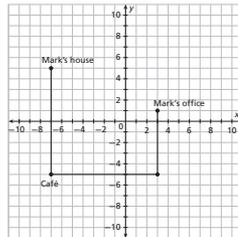
18. Each unit on the coordinate plane represents 1 mile. What is the distance from Mark's house to the café?

   10 miles

19. What is the total distance that Mark drives to work?

   26 miles

20. There are 5 books in a series of books Mia and Toby are reading. Mia has read $1\frac{3}{4}$ of the books and Toby has read $1\frac{1}{7}$ of the books. Who has read more of the series? Explain your answer.

   Mia has read more.

   Since the whole-number parts of the mixed numbers are equal, the fraction parts of the mixed numbers need to be compared. Rewrite the fractions so that they have common denominators.

   $\frac{3}{4} = \frac{21}{28}$ **and** $\frac{1}{7} = \frac{4}{28}$ **and** $21 > 4$

   So, $1\frac{3}{4} > 1\frac{1}{7}$. **Mia has read more.**