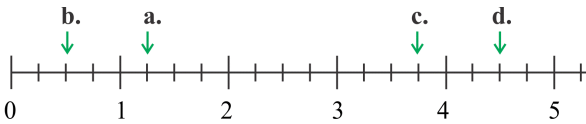


Directions: Answer the following question(s).

- 1 What fraction best represents "a".



- A. $\frac{1}{2}$
 B. $1\frac{1}{4}$
 C. $3\frac{3}{4}$
 D. $4\frac{1}{2}$

- 2 Use the list to answer the following question.

Elk Grove: -25 degrees

Moosehaven: -8 degrees

Kingston: 14 degrees

Reston: -13 degree

National City: 2 degrees

According to the chart, order them from least to greatest temperature?

- A. National City, Moosehaven, Reston, Kingston, Elk Grove
 B. National City, Elk Grove, Kingston, Reston, Moosehaven
 C. Kingston, National City, Moosehaven, Reston, Elk Grove
 D. Elk Grove, Reston, Moosehaven, National City, Kingston
 E. Moosehaven, Reston, Elk Grove, National City, Kingston

- 3 Mrs. Petersen had the following transactions during the week:

Monday Deposit \$350

Tuesday Withdrawal \$178

Wednesday Withdrawal \$113

Thursday Deposit \$489

What is the balance of all the transactions for the week?

- A. \$548
 B. \$904
 C. \$152
 D. \$1130

- 4 Which statements are true or false?

- A. $-\frac{2}{5}$ is between 0 and 1.
 B. $-2\frac{3}{4}$ is between -2 and -3
 C. $3\frac{1}{2}$ is between 3 and 4.
 D. $-4\frac{1}{4}$ is between -4 and -5.
 E. -1.2 is between 0 and -1

- 5 Point A(-3, 7) and B(-3, -8) are located on a coordinate plane. Find the distance between point A and point B.

- A. 3
 B. 6
 C. 15
 D. 7
 E. 10
 F. 8
 G. 11

Directions: Answer the following question(s).

- 6 Write the values in order from least to greatest.

$|7|$, $|-3|$, $|-9|$, $|5|$, $|-13|$

- A. $|7|$, $|-3|$, $|-9|$, $|5|$, $|-13|$
 B. $|-13|$, $|-9|$, $|-3|$, $|5|$, $|7|$
 C. $|-3|$, $|5|$, $|7|$, $|-9|$, $|-13|$
 D. $|-13|$, $|-9|$, $|7|$, $|5|$, $|-3|$
 E. $|-13|$, $|-9|$, $|-3|$, $|7|$, $|5|$

- 7 The answer to a division problem in Ezra's homework was $\frac{3}{4}$. Which of the following expressions might he have solved? Select all that apply.

- A. $\frac{1}{2} \div \frac{3}{4}$
 B. $1\frac{1}{2} \div 2$
 C. $\frac{3}{8} \div \frac{2}{3}$
 D. $\frac{6}{14} \div \frac{4}{7}$
 E. $\frac{5}{6} \div \frac{2}{3}$

- 8 Cookies come in packages of 24. Milk boxes come in packages of 15. Mrs. Caruso wants a cookie for each box of milk, what is the fewest packages of milk boxes that Mrs. Caruso can buy?

- A. 360
 B. 120
 C. 8
 D. 5
 E. 24
 F. 15

- 9 Kash ran 6.8 miles and walk 0.45 as much as he ran. What was the total distance that Kash covered?

- A. 6.35 miles
 B. 7.25 miles
 C. 3.06 miles
 D. 9.86 miles
 E. 7.16 miles

- 10 There are 20 fifth graders and 30 sixth graders in the Baird Pokemon Club. For the first competition, each group will have the same number of fifth graders and the same number of sixth graders in each group with no one left out of a group. What are all the possible group sizes?

- A. 1 fifth grader and 1 sixth grader
 B. 2 fifth graders and 2 sixth graders
 C. 5 fifth graders and 5 sixth graders
 D. 4 fifth graders and 6 sixth graders
 E. 10 fifth graders and 15 sixth graders
 F. 20 fifth graders and 30 sixth graders
 G. 5 fifth graders and 10 sixth graders
 H. 10 fifth graders and 20 sixth graders
 I. 5 fifth graders and 6 sixth graders

- 11 Five-sixths of the fish in Miracle's fish tank are Goldfish. One-third of the Goldfish have white on them. What fraction of the Goldfish don't have white on them?

- A. one-sixth
 B. one-third
 C. two-thirds
 D. four-ninths
 E. five-ninths

Directions: Answer the following question(s).

- 12 Jocelyn graphed the points (5,-4) and (5, 2). What is the distance between the points?

A. 10 units
 B. 5 units
 C. 6 units
 D. 7 units
 E. 9 units

- 13 Marisela graphed the point (-3, 5), what will the ordered pair be for the point reflected on the y-axis?

A. (3, 5)
 B. (3, -5)
 C. (-3, 5)
 D. (-3, -5)
 E. (5, -3)
 F. (5, 3)

- 14 Solve:

$$13 \div (7.35 - 6.7) \star 0.4$$

A. 20
 B. 28
 C. 8
 D. 50
 E. 0.8

- 15 Write the values from least to greatest?

$$0.4, -1.8, -2/3, 4/5, -0.65, 7/4$$

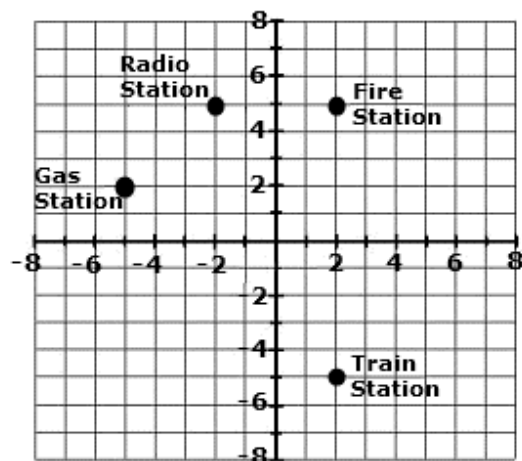
A. $7/4, -1.8, -2/3, 4/5, -0.65, 0.4,$
 B. $0.4, -2/3, -0.65, 4/5, 7/4, -1.8$
 C. $-1.8, 7/4, 4/5, -2/3, -0.65, 0.4,$
 D. $-1.8, -2/3, -0.65, 0.4, 4/5, 7/4,$
 E. $-1.8, -0.65, -2/3, 0.4, 4/5, 7/4,$

- 16 Point K is located at (5, -3). Using this information, determine which of the following statements is true. Select two that apply.

A. Point K is located in Quadrant IV.
 B. Point R is a reflection across the x -axis of Point K . Point R 's location is (-5, 3).
 C. A reflection of Point K across the x -axis would result in a point in Quadrant I.
 D. Point P is a reflection across the y -axis of Point K . Point P 's location is (-3, 5).

- 17 Find and interpret the absolute value of positive and negative rational numbers in mathematical and real world situations.

- 18 The map below shows the positions of the different stations in town. Which ordered pair best names the Gas Station.



A. (5, 2)
 B. (-5, 2)
 C. (2, -5)
 D. (2, 5)
 E. (-5, -2)
 F. (5, -2)
 G. (-2, -5)
 H. (-2, 5)

Directions: Answer the following question(s).

19 If Karen has 6 cups of oatmeal and she divides it into $\frac{3}{4}$ cup servings, how many servings of oatmeal will she have?

- A. 8
- B. 6
- C. $4\frac{1}{2}$
- D. $2\frac{1}{4}$

20 Which of these statements is correct about the relative positions of -25 and -6 on a number line?

- A. -25 is to the right of -6 , because $-25 < -6$.
- B. -25 is to the left of -6 , because $-25 < -6$.
- C. -25 is to the right of -6 , because $-25 > -6$.
- D. -25 is to the left of -6 , because $-25 > -6$.