

Directions: Answer the following question(s).

- 1 Mr. Isaac could buy five maps at Robillard's for the same price he can buy six maps at Peranick's Global Experience. If one map at Robillard's is \$37.80, how much is one map at Peranick's?
- A. \$31.50 B. \$7.56 C. \$45.36 D. \$6.30
E. \$13.86
- 2 Solve:
 $13 \div (7.2 - 6.7) \cdot 0.8$
- A. 32.5 B. 20.8 C. 28 D. 3.25
E. 2.08
- 3 Gavin has $\frac{5}{6}$ quarts of apple juice. If he divides the apple juice into glasses that are $\frac{1}{24}$ of a quart. How many glasses can Gavin fill?
- A. 20 glasses B. 5 glasses C. 24 glasses D. 15 glasses
E. 6 glasses
- 4 Three-fourths of the fish in Keira's fish tank are Goldfish. Two-thirds of the Goldfish have white on them. What fraction of the Goldfish don't have white on them?
- A. one-half B. three-fourths C. two-thirds D. one-fourth
E. one-third
- 5 There are 24 fifth graders and 32 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. 4 fifth graders and 4 sixth graders D. 6 fifth graders and 8 sixth graders
E. 6 fifth graders and 7 sixth graders F. 12 fifth graders and 14 sixth graders G. 12 fifth graders and 16 sixth graders H. 24 fifth graders and 28 sixth graders
I. 24 fifth graders and 32 sixth graders
- 6 Cookies come in packages of 24. Milk boxes come in packages of 10. Mrs. Caruso wants a cookie for each box of milk, what is the fewest packages of milk boxes that Mrs. Caruso can buy?
- A. 240 B. 120 C. 24 D. 12
E. 10 F. 5

Directions: Answer the following question(s).

7 Write the values from greatest to least?

0.4, 1.8, $\frac{2}{3}$, $\frac{4}{5}$, 0.65, $\frac{7}{4}$

- A. $\frac{7}{4}$, 1.8, $\frac{2}{3}$, $\frac{4}{5}$, 0.65, 0.4, B. 0.4, $\frac{2}{3}$, 0.65, $\frac{4}{5}$, $\frac{7}{4}$, 1.8 C. 1.8, $\frac{7}{4}$, $\frac{4}{5}$, $\frac{2}{3}$, 0.65, 0.4, D. 0.4, 0.65, $\frac{2}{3}$, $\frac{4}{5}$, $\frac{7}{4}$, 1.8
 E. 1.8, $\frac{7}{4}$, $\frac{4}{5}$, 0.65, $\frac{2}{3}$, 0.4,

8 Tanner ran 4.8 miles and walk 0.35 as much as he ran. What was the total distance that Tanner covered?

- A. 5.15 miles B. 4.45 miles C. 1.68 miles D. 21.6 miles
 E. 6.48 miles

9 Alejandra earned \$27.75 for babysitting her nephew for 3 hours. How much did Alejandra make for an hour of babysitting?

- A. \$83.25 B. \$24.75 C. \$9.25 D. \$30.75
 E. \$8.25

10 Select the pair(s) that have a GCF of 6.

- A. 24 and 32 B. 24 and 30 C. 16 and 18 D. 32 and 40
 E. 18 and 24

11 Which pair(s) of numbers have a LCM of 20.

- A. 4 and 8 B. 2 and 10 C. 4 and 10 D. 4 and 5
 E. 5 and 10

12 $2\frac{3}{4} \div 1\frac{1}{2}$

- A. $\frac{6}{11}$ B. $1\frac{5}{6}$ C. $2\frac{1}{5}$ D. $5\frac{1}{2}$

Directions: Answer the following question(s).

- 13 The answer to a division problem in David's homework was $\frac{1}{2}$. Which of the following expressions might he have solved? Select *all* that apply.

A. $\frac{4}{10} \div \frac{4}{5}$

B. $\frac{3}{4} \div \frac{2}{3}$

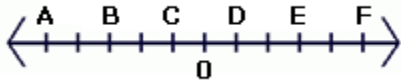
C. $\frac{3}{9} \div \frac{2}{3}$

D. $\frac{7}{14} \div \frac{7}{7}$

E. $\frac{2}{3} \div \frac{4}{12}$

F. $\frac{4}{13} \div \frac{6}{7}$

- 14 Using this number line, determine which of the following statements is correct. Select two that apply.



A. $C < E$

B. $A > B$

C. $C < B$

D. $F > D$

15 $\frac{4}{6} \times \frac{\square}{\square} = \frac{8}{6}$

What fraction will make the equation above true?

A. $\frac{4}{1}$

B. $\frac{2}{1}$

C. $\frac{4}{6}$

D. $\frac{2}{6}$

- 16 What greatest common factor should be used to reduce the fraction $\frac{18}{42}$ to its simplest form?

A. 2

B. 3

C. 6

D. 18