Concept Practice

1 Marie has 2 spools of ribbon. One spool holds 3 yards of ribbon, and the other spool holds 2 yards of ribbon. She uses all the ribbon to cut bookmarks that are each $\frac{1}{4}$ yard long. How many bookmarks does Marie make?

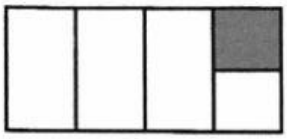
A 5

B 10

C 15

D 20

2 Marco drew a model to illustrate an expression and find its value.



Which equation correctly represents Marco's model?

F $\frac{1}{8} \div 4 = \frac{1}{32}$

G $\frac{1}{4} \div 2 = \frac{1}{8}$

H $\frac{1}{2} \div 8 = \frac{1}{16}$

J $8 \div \frac{1}{4} = 32$

3 Isabella is cutting yarn from a roll for an art project. She has $\frac{1}{9}$ of a roll of red yarn, and she cuts it into 4 equal pieces. What fractional part of the original roll of yarn is represented by each of Isabella's pieces?

A $\frac{1}{36}$

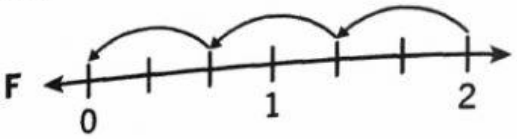
B $\frac{4}{9}$

C $\frac{9}{4}$

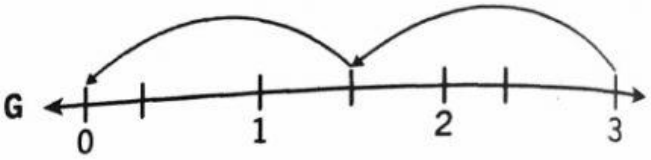
D 36

4 Mick has a rope that is 2 feet long. He cuts it into pieces that are each $\frac{1}{3}$ foot long. Which number line can Mick use to determine the number of pieces he creates?

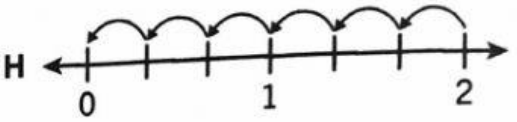
F



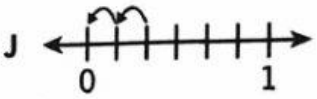
G



H

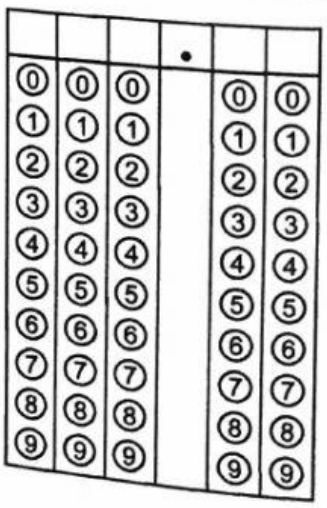


J



5 Braden bought a 20-pound bag of colored sand to put into his sand pit. Braden's bucket can hold $\frac{1}{2}$ pound of sand. How many times will Braden need to fill his bucket in order to carry all the sand from the bag to his sand pit?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



LIVEWORKSHEETS

1 At the bakery, one dozen equal-sized muffins contain a total of $\frac{1}{2}$ cup of sugar. How much sugar does each muffin contain?

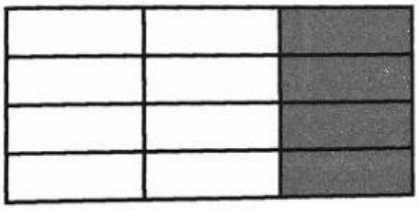
A 24 cups

B $\frac{1}{6}$ cup

C $\frac{1}{12}$ cup

D $\frac{1}{24}$ cup

2 Mr. Cameron had $\frac{1}{3}$ of a pan of lasagna, represented by the shaded part of the rectangle. He cut the lasagna into 4 equal pieces and ate one piece for lunch.



What fraction of the whole pan of lasagna did Mr. Cameron eat for lunch?

F $\frac{1}{12}$

G $\frac{3}{4}$

H $\frac{4}{3}$

J 12

3 A quarter is $\frac{1}{16}$ inch thick. A stack of quarters is 8 inches high. How many quarters are in the stack?

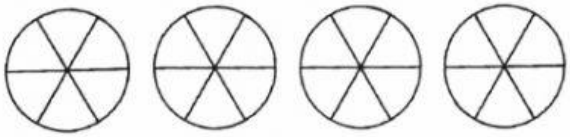
A 2 quarters

B 128 quarters

C 48 quarters

D 88 quarters

4 Franci drew a model to illustrate an expression and find its value.



Which equation correctly matches Franci's model?

F $\frac{1}{6} \div 4 = \frac{1}{24}$

G $24 \times \frac{1}{6} = \frac{1}{4}$

H $\frac{1}{6} \times 4 = \frac{2}{3}$

J $4 \div \frac{1}{6} = 24$

5 Derek had $\frac{1}{10}$ bag of gerbil food.

- He gave his gerbil the same amount of food every day.
- He used all the gerbil food in 10 days.

What fraction of a whole bag of gerbil food did Derek's gerbil receive each day?

A $\frac{1}{20}$

B $\frac{1}{2}$

C $\frac{1}{100}$

D $\frac{1}{1000}$

6 A gardener divided 4 gallons of liquid plant food equally into jars. Each jar contained $\frac{1}{2}$ gallon of plant food. How many jars did the gardener use?

F 2

G $\frac{1}{8}$

H 6

J 8

LIVEWORKSHEETS