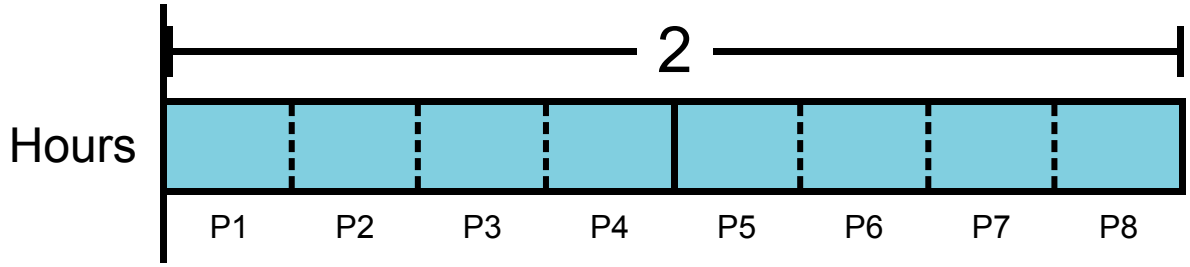
A. The basketball team lifted weights for a total of 2 hours during the week. At each practice, the team lifted weights for one-fourth of an hour. How many practices did the basketball team have during the week?



$2 \div \frac{1}{4} = \underline{8}$ $\underline{8} \times \frac{1}{4} = 2$

The basketball team had 8 practices.

B. The soccer team buys 5 pizzas for their bus ride home. Each teammate gets one-third of a pizza. How many teammates get pizza?

____ teammates get pizza.

A. Jill spends 4 hours moving gravel. Jill fills each dump truck with gravel in one-fifth of an hour. How many dump trucks did Jill fill?

Jill filled _____ dump trucks with gravel.

B. Liz has 3 gallons of gas. It takes one-half of a gallon of gas to drive to the park and back. How many times can Liz drive to the park and back?

Liz can drive to the park and back ___ times.

A. Colt has 4 yards of fabric. It takes one-half of a yard of fabric to make a doll dress. How many doll dresses can Colt make?

Colt can make ___ doll dresses.

B. Rosie has 3 cups of cranberries. Each batch of cookies uses one-fourth of a cup of cranberries. How many batches of cookies can Rosie make?

Rosie can make _____ batches of cookies.

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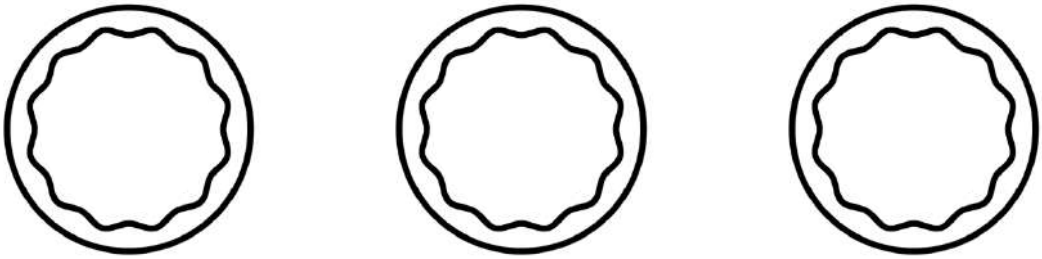
For Thanksgiving, Sandy bakes 3 rhubarb pies and cuts each pie into 6 equal pieces.

a. Draw lines to show each pie divided into sixths.



b. Derive a multiplication expression for 3 divided into sixths.

$$3 \div \frac{1}{6} = (1 + 1 + 1) \div \frac{1}{6}$$

$$= (1 \div \frac{1}{6}) + (1 \div \frac{1}{6}) + (1 \div \frac{1}{6})$$

$$= \_\_ + \_\_ + \_\_$$

$$= \_\_ \times \_\_$$

c. Multiply to find how many sixths when 3 is divided into sixths.

$$3 \div \frac{1}{6} = \_\_ \times \_\_$$

$$= \_\_$$

Name:

EQUATION CHALLENGE - B

Circle the correct answer below each word problem.

Marsha has 7 skeins of yarn. It takes 1/3 skein of yarn to knit 1 coaster. Which equation below correctly represents the maximum number of coasters Marsha can make?

a. $7 \times 1/3 = 21$ b. $7 \div 1/3 = 21$

Bobby jogs 2 miles on the school's track. Each lap of the track is 1/4 mile in length. Which equation below correctly represents the number of laps Bobby jogged?

a. $2 \div 1/4 = 8$ b. $2 \times 1/4 = 8$

Write a word problem for the following equation:

$5 \div 1/2 = 10$