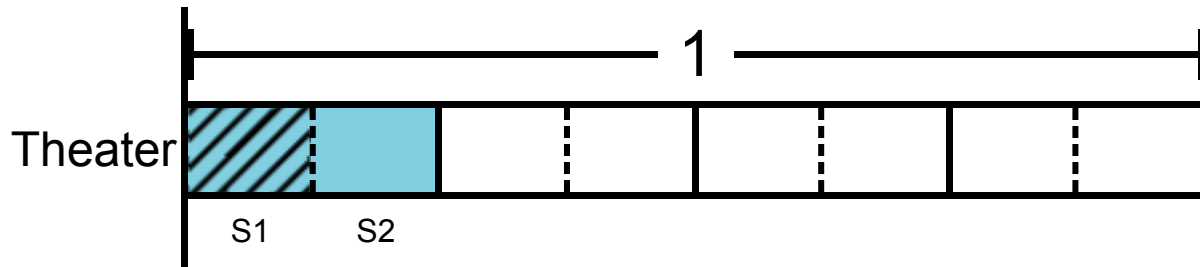


- A. One-fourth of a movie theater is divided equally into sections. There are 2 sections. What fraction of the whole theater is each section?



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

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

Each section is  $\underline{\frac{1}{8}}$  of the whole movie theater.

- B. Clark ran one-half of a mile at the same pace. It took Clark 3 minutes. How far did Clark run each minute?

Clark ran      of a mile in 1 minute.

- 
- A. There is one-third of a pound of popcorn. 3 friends share the popcorn equally. How much popcorn does each friend get?

They each get \_\_\_\_\_ of a pound of popcorn.

- 
- B. One-eighth of the swimming pool is divided equally into lanes. There are 2 lanes. Each lane is using what fraction of the whole swimming pool?

Each lane is \_\_\_\_\_ of the whole swimming pool.

- 
- A. Ruth uses one-half of a tablespoon of vanilla to make cookies. Ruth makes 4 identical batches of cookies. How many tablespoons of vanilla does Ruth put in each batch?

Ruth puts \_\_\_\_\_ of a tablespoon of vanilla in each batch.

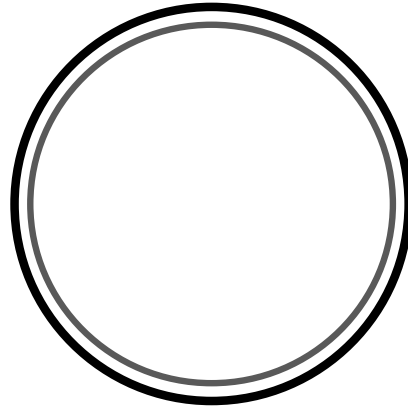
- 
- B. John has one-third of a cup of whipped cream. John puts the same amount of whipped cream on top of 2 hot chocolates. How much whipped cream does John put on each hot chocolate?

John puts \_\_\_\_\_ of a cup of whipped cream on each hot chocolate.

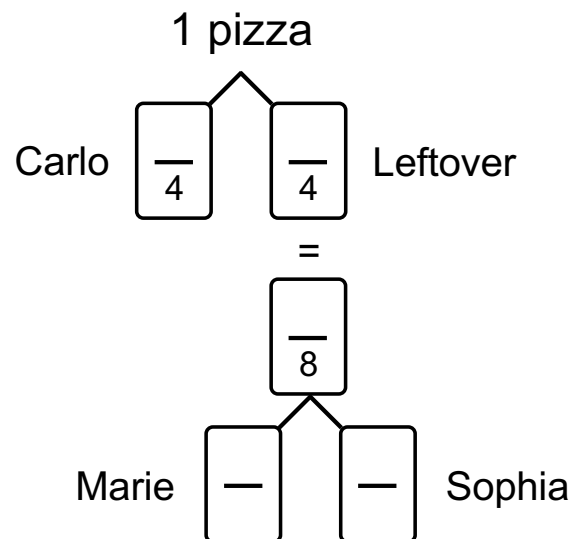
Name: \_\_\_\_\_

While Marie and Sofia were at the library, Carlo ate  $\frac{3}{4}$  of a pizza. When they got home, the 2 sisters shared the leftover pizza, equally.

- a. Draw lines and write M, S, or C on each piece to show how much pizza each sibling eats.



- b. Use number bonds to show how much pizza each sibling eats.



- c. Solve an equation to find the fraction of the pizza Marie eats.

$$\frac{\square}{4} \div 2 = \frac{\square}{8} \div 2$$
$$= \frac{\square}{\square}$$

Name: \_\_\_\_\_

## EQUATION CHALLENGE - A

Circle the correct answer below each word problem. Then write a problem of your own!

Marina has  $\frac{1}{4}$  pound of walnuts. She uses the walnuts to make 3 pans of brownies. Which equation below correctly represents the amount of walnuts (in pounds) used for each pan of brownies?

- a.  $\frac{1}{4} \div 3 = \frac{1}{12}$                       b.  $\frac{1}{4} \times 3 = 12$
- 

Tam has  $\frac{1}{2}$  pound of nails. He uses the nails to make 5 bird houses. Which equation below correctly represents the amount of nails (in pounds) used to make each bird house?

- a.  $\frac{1}{2} \times 5 = \frac{2}{5}$                       b.  $\frac{1}{2} \div 5 = \frac{1}{10}$
- 

Write a word problem for the following equation:

$$\frac{1}{3} \div 5 = \frac{1}{15}$$

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