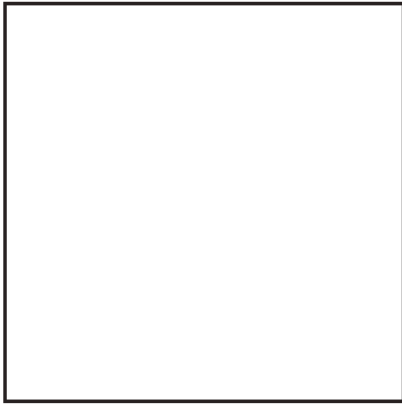


## Chocolate Chocolate Chip Brownies

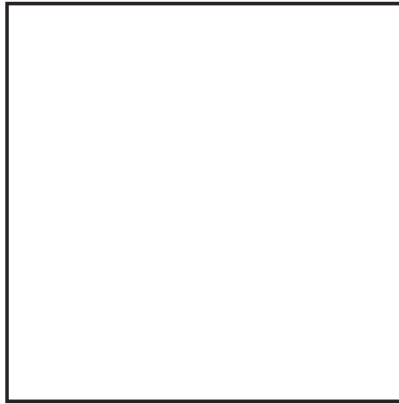
Ms. Noh wants to bring a pan of chocolate chocolate chip brownies to donate to a bake sale. Knowing Ms. Noh, she'll probably end up eating some of the brownies before she brings them in. To keep herself from eating the entire pan, she leaves out only a portion of the pan, and then eats a fraction of that portion. In the brownie pans below, show how much of the entire pan Ms. Noh eats by shading in the fraction given.

1. Ms. Noh eats  $\frac{1}{2}$  of  $\frac{1}{4}$

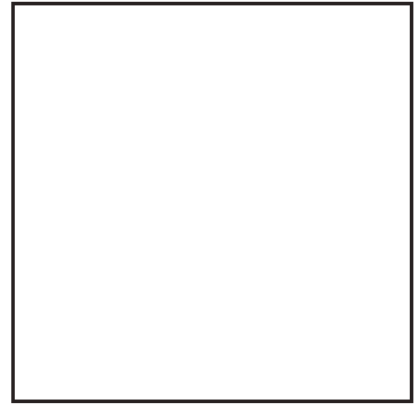
Ms. Noh eats \_\_\_\_\_ of the entire pan



first fraction



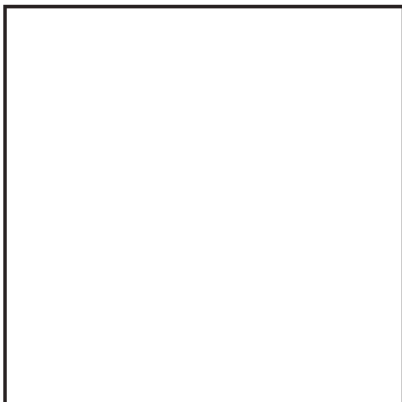
second fraction



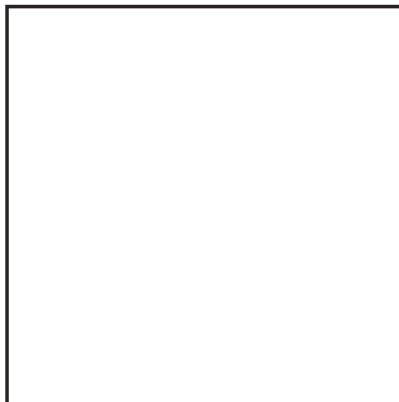
combined

2. Ms. Noh eats  $\frac{1}{2}$  of  $\frac{1}{8}$

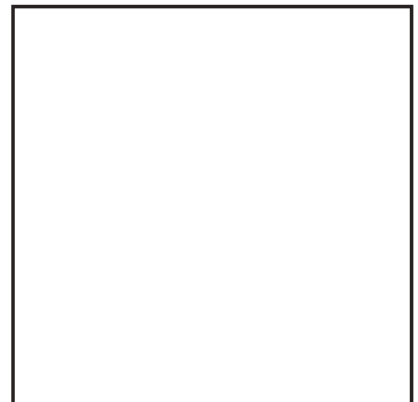
Ms. Noh eats \_\_\_\_\_ of the entire pan



first fraction



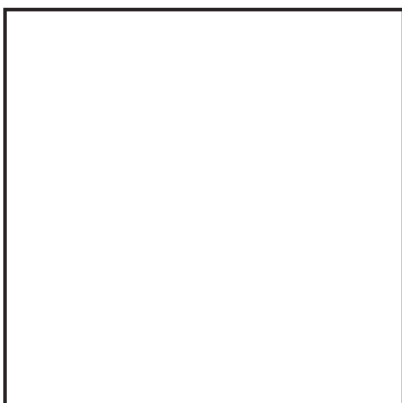
second fraction



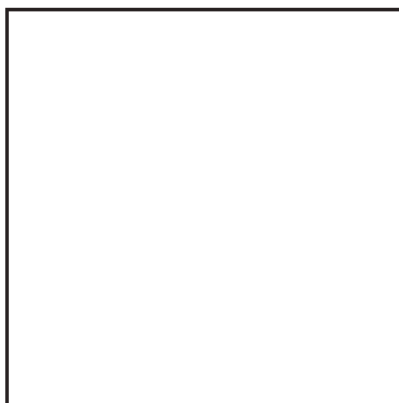
combined

3. Ms. Noh eats  $\frac{1}{2}$  of  $\frac{1}{2}$

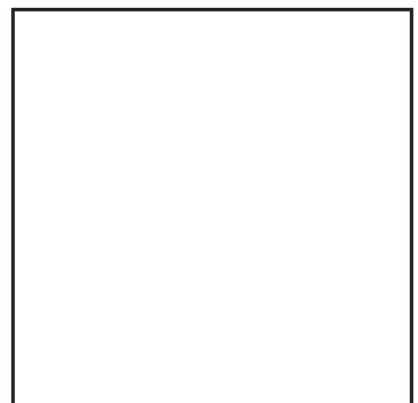
Ms. Noh eats \_\_\_\_\_ of the entire pan



first fraction



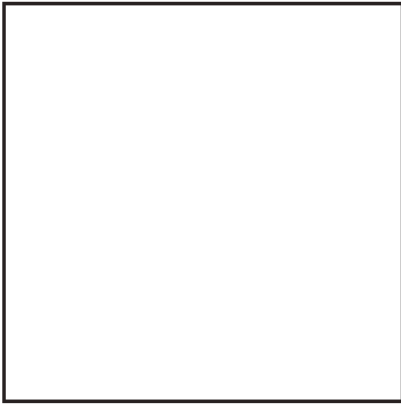
second fraction



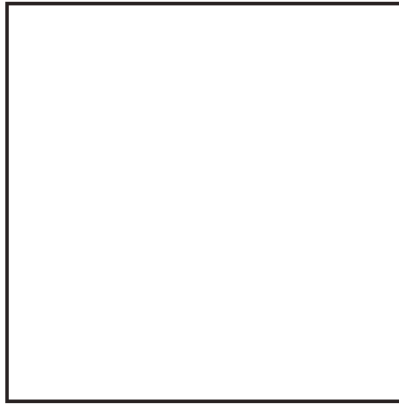
combined

4. Ms. Noh eats  $\frac{1}{2}$  of  $\frac{1}{3}$

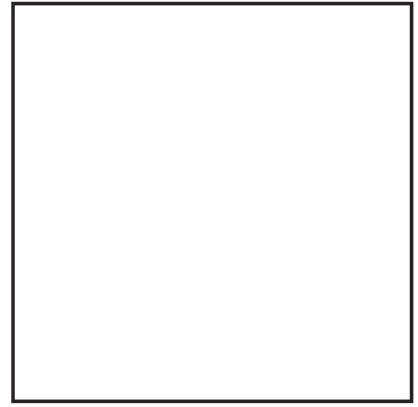
Ms. Noh eats \_\_\_\_\_ of the entire pan



first fraction



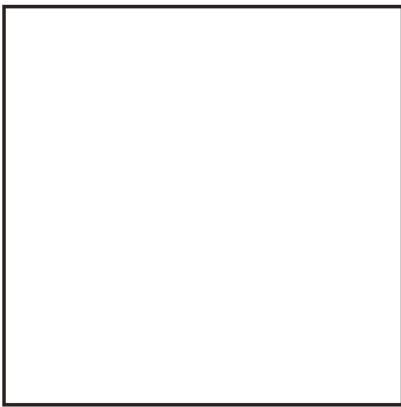
second fraction



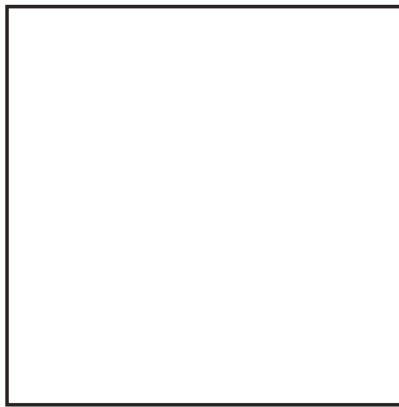
combined

5. Ms. Noh eats  $\frac{1}{2}$  of  $\frac{1}{6}$

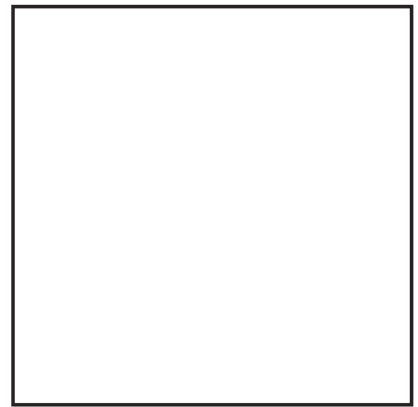
Ms. Noh eats \_\_\_\_\_ of the entire pan



first fraction



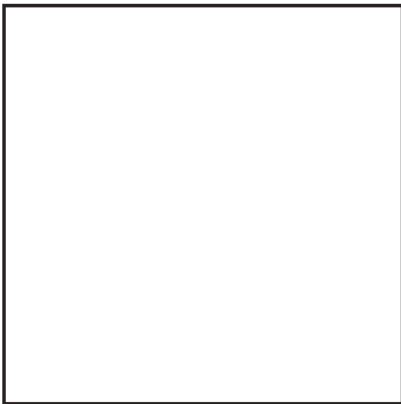
second fraction



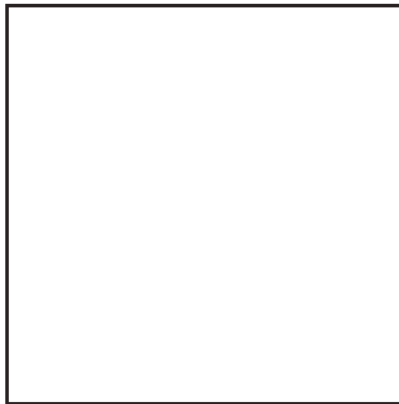
combined

6. Ms. Noh eats  $\frac{1}{2}$  of  $\frac{1}{12}$

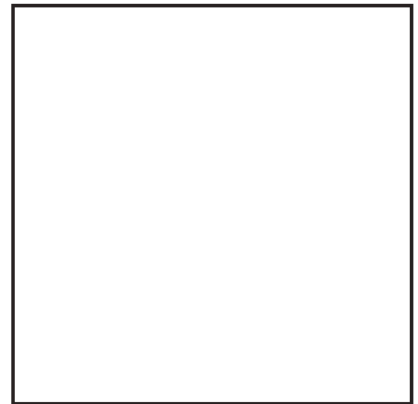
Ms. Noh eats \_\_\_\_\_ of the entire pan



first fraction



second fraction



combined

Looking at your brownie pan models, what does the denominator of a fraction tell you?

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