

# MY Homework

## Lesson 1

**Hands On: Use Models to Add Like Fractions**

### Homework Helper



Need help? [connectED.mcgraw-hill.com](http://connectED.mcgraw-hill.com)

Caroline has 6 cups. She fills one cup with juice for each of her 5 friends. What is the fraction of the total number of cups that Caroline gives to her friends?

Each cup is  $\frac{1}{6}$  of the total number of cups.

Find  $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ .

**1** Use five  $\frac{1}{6}$ -fraction tiles to model the addition.



**2** Add the like fractions.

Count the total number of  $\frac{1}{6}$ -fraction tiles. There are 5.

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{5}{6}$$

So, the fraction of the total number of cups that

Caroline gives to her friends is  $\frac{5}{6}$ .

## Practice

Model the sum using fraction tiles. Draw the model.

Then add.

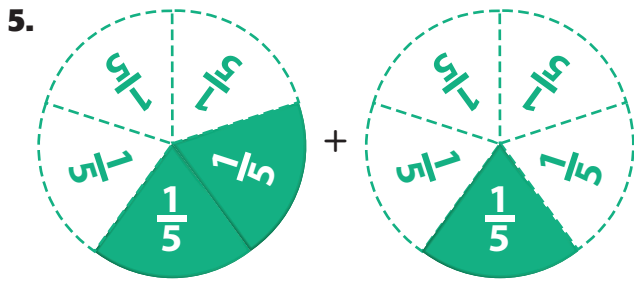
1.  $\frac{1}{3} + \frac{1}{3} =$  \_\_\_\_\_

2.  $\frac{2}{12} + \frac{6}{12} =$  \_\_\_\_\_

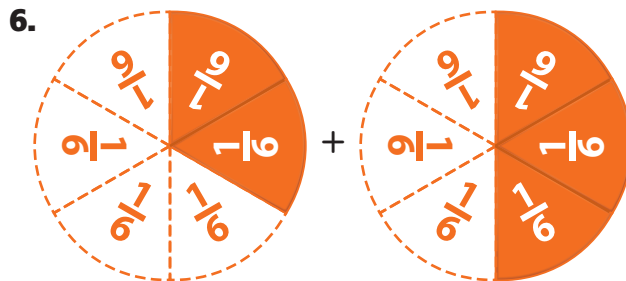
3.  $\frac{3}{10} + \frac{4}{10} =$  \_\_\_\_\_

4.  $\frac{5}{8} + \frac{1}{8} =$  \_\_\_\_\_

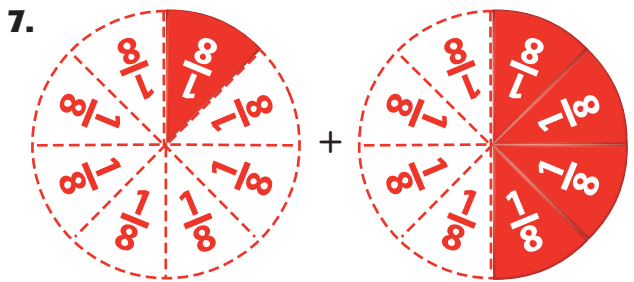
Write an addition sentence for each model. Then find the sum.



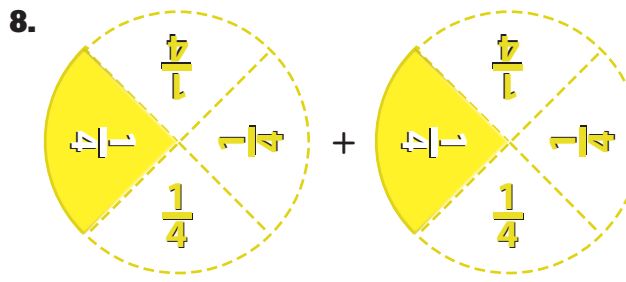
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## Problem Solving

9. **Mathematical PRACTICE 1** **Make Sense of Problems** Nelson got a pack of 12 pencils. He took 3 pencils to put in his desk at school and 2 pencils to put in his locker at school. What is the fraction of total pencils that Nelson took to school?

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10. There are 10 chicks on Ginger's farm. She has 2 chicks in one outdoor pen and 5 chicks in another. The rest of the chicks are in the barn. What is the fraction of total chicks in outdoor pens?

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## Vocabulary Check



11. Explain what is the same about two fractions that are like fractions.

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