

# MY Homework

## Lesson 6

### Equivalent Fractions

## Homework Helper

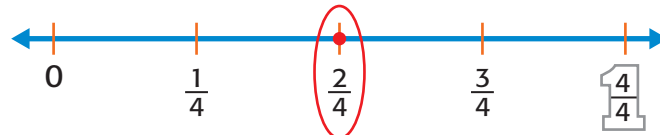


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Marley packed 2 of the 4 apricots her mom just bought for her lunch. Find an equivalent fraction to represent the part of the apricots that Marley just packed.

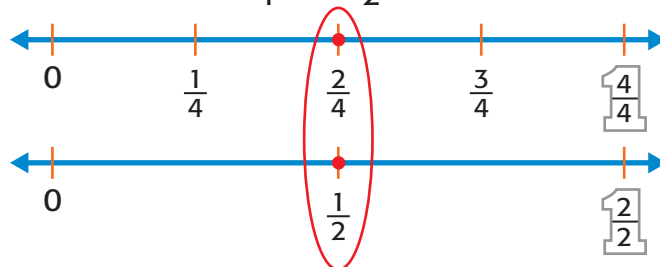
### 1 Represent the fraction on a number line.

Divide a number line into four equal parts. Mark the fraction.



### 2 Find an equivalent fraction.

Draw another number line of equal length. Equally divide this number line another way.  $\frac{2}{4}$  and  $\frac{1}{2}$  name the same point.

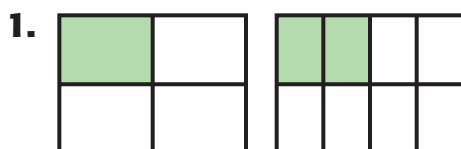


The number lines show that  $\frac{2}{4}$  names the same point as  $\frac{1}{2}$ .

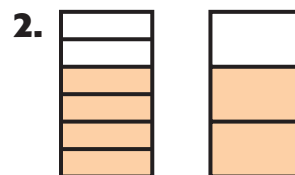
So,  $\frac{2}{4}$  and  $\frac{1}{2}$  are equivalent fractions.

## Practice

Complete each number sentence to show equivalent fractions.



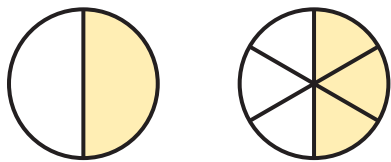
$$\frac{1}{4} = \frac{2}{8}$$



$$\frac{4}{6} = \frac{2}{3}$$

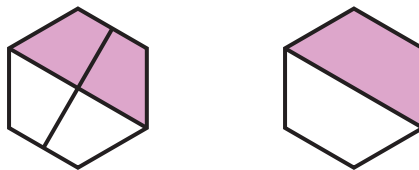
Complete each number sentence to show equivalent fractions.

3.



$$\frac{1}{\boxed{2}} = \frac{3}{\boxed{6}}$$

4.



$$\frac{\boxed{2}}{\boxed{4}} = \frac{\boxed{1}}{\boxed{2}}$$



## Problem Solving


5. Hiroshi made 6 puppets. Two of the puppets were dogs, two were cats, and two were birds. Circle the equivalent fractions that represent the part of the puppets that were cats.

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{2}{4}$

$\frac{2}{6}$

6. **Mathematical PRACTICE**  **Use Number Sense** A rosebush had 8 blossoms. Two of the blossoms withered and fell off. Circle the equivalent fractions which represent the part of the blossoms still on the bush.

$\frac{2}{8}$

$\frac{7}{8}$

$\frac{3}{4}$

$\frac{6}{8}$

## Vocabulary Check



7. Write a definition for equivalent fractions. Then give an example.

**Sample answer:** Equivalent fractions name the same part of a whole. Example:  $\frac{2}{4}$  and  $\frac{4}{8}$

## Test Practice

8. Which of the following are *not* equivalent fractions?

(A)  $\frac{2}{6}$  and  $\frac{1}{3}$

(C)  $\frac{1}{4}$  and  $\frac{2}{8}$

(B)  $\frac{2}{3}$  and  $\frac{4}{6}$

(D)  $\frac{1}{2}$  and  $\frac{3}{8}$