

MY Homework

Lesson 6

Equivalent Fractions

Homework Helper

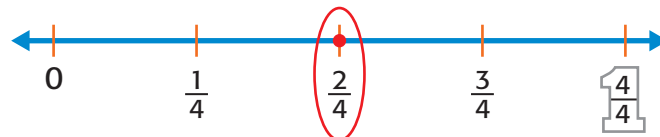


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Marley packed 2 of the 4 apricots her mom just bought for her lunch. Find an equivalent fraction to represent the part of the apricots that Marley just packed.

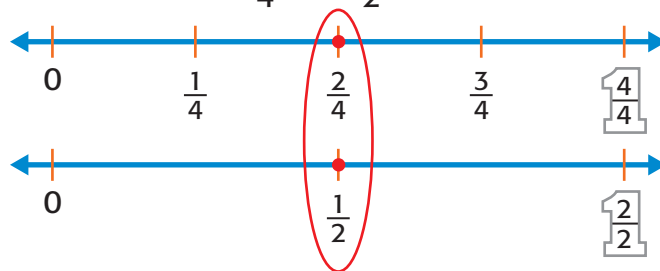
1 Represent the fraction on a number line.

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.

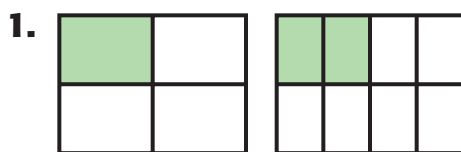


The number lines show that $\frac{2}{4}$ names the same point as $\frac{1}{2}$.

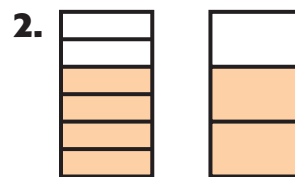
So, $\frac{2}{4}$ and $\frac{1}{2}$ are equivalent fractions.

Practice

Complete each number sentence to show equivalent fractions.



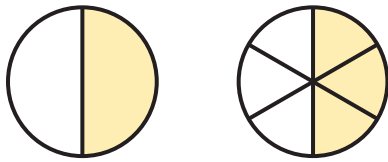
$$\frac{1}{4} = \frac{\square}{8}$$



$$\frac{\square}{6} = \frac{\square}{3}$$

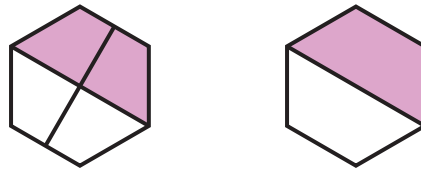
Complete each number sentence to show equivalent fractions.

3.



$$\frac{1}{\square} = \frac{3}{\square}$$

4.



$$\frac{\square}{\square} = \frac{\square}{\square}$$



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.

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 $\frac{3}{8}$