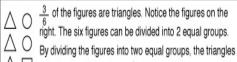


Determining equivalent fractions using models or money



can also be referred to as  $\frac{1}{2}$  of the group.



Fractions that refer to the same portion of a group of items or the same part of a whole are called equivalent fractions.



of the figures are circles.





of the figures are circles.

Since 4 quarters equal one dollar, if a dollar is divided into 4 equal parts, each part will be equal to 25¢.



$$= \frac{25}{100} = \frac{1}{4} \text{ of a dolla}$$

Fill in the missing numbers for each problem.

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(1)

$$= \frac{2}{6} \quad 1 \text{ nickel} = \frac{5}{100} = \frac{1}{20} \quad \text{of a dollar} \quad 1 \text{ penny} = \frac{1}{100} \quad \text{of a dollar}$$

Write the fraction that represents the shaded portion of each rectangle







2 nickels =  $\frac{10}{100}$  =  $\frac{2}{20}$  of a dollar 2 dimes =  $\frac{20}{100}$  =  $\frac{2}{10}$  of a dollar

Each of the rectangles is the same size and even though they are divided differently, the portion that is shaded is equal to one-half for each one.

$$\frac{3}{6} = \frac{1}{2}$$
 This can be verified. What is 6 divided into 2 equal parts?  $6 \div 2 = 3$ . There should be 3 sixths in each of the parts.



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To check, what is 12 divided into 3 equal parts?

12 ÷ 3 = 4. There should be 4 twelfths in each of the parts.

each of the parts.

0

To check, what is 8 divided into 4 equal  $8 \div 4 = 2$ . There should be 2 eighths in

3 nickels =  $\frac{15}{100}$  =  $\frac{3}{20}$  of a dollar 2 quarters =  $\frac{50}{100}$  =  $\frac{2}{4}$  of a dollar

 $5 \text{ dimes} = \frac{50}{100} = \frac{5}{10} \text{ of a dollar} \quad 14 \text{ pennies} = \frac{14}{100} \text{ of a dollar}$ 

3 quarters =  $\frac{75}{100}$  =  $\frac{3}{4}$  of a dollar 1.7 nickels =  $\frac{85}{100}$  =  $\frac{17}{20}$  of a dollar

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