





<p>Since 4 dimes are equal to 1 dollar, 1 dollar is divided into 4 equal parts, each part will be equal to $\frac{1}{4}$.</p> <p>1 dollar = $\frac{1}{4}$ = $\frac{25}{100}$ = </p>	<p>Determining equivalent fractions using models or money</p> <p>$\frac{3}{8}$ of the figures are triangles. Notice the figures on the right. The six figures can be divided into 2 equal groups. By dividing the figures into two equal groups, the triangles can also be referred to as $\frac{1}{2}$ of the group.</p> <p>Figures that refer to the same portion of a group of items or the same part of a whole are called equivalent fractions.</p>
<p>Fill in the missing numbers for each problem.</p> <p>1 penny is $\frac{1}{100}$ of a dollar</p> <p>1 nickel = $\frac{1}{50}$ of a dollar</p> <p>1 dime = $\frac{1}{10}$ of a dollar</p>	<p>are circles. $\frac{1}{2}$ = $\frac{2}{4}$</p> <p>are circles. $\frac{3}{4}$ = $\frac{6}{8}$</p> <p>of the figures are circles. $\frac{1}{8}$ = $\frac{1}{8}$</p>
<p>5 dimes = $\frac{50}{100}$ = $\frac{5}{10}$ of a dollar</p> <p>5 nickels = $\frac{50}{100}$ = $\frac{5}{20}$ of a dollar</p>	<p>Write the fraction that represents the shaded portion of each rectangle.</p> <p>$\frac{1}{2}$ = </p> <p>$\frac{3}{8}$ = </p> <p>$\frac{1}{4}$ = </p>
<p>3 dimes = _____ of a dollar</p> <p>3 pennies = _____ of a dollar</p>	<p>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.</p> <p>This can be verified. What is $\frac{1}{2}$ divided into 3 equal parts? $\frac{1}{2} \div 3 = \frac{1}{6}$. There should be 3 sixths in each of the parts.</p>
<p>2 dimes = _____ of a dollar</p> <p>1 penny = _____ of a dollar</p>	<p>To check, what is $\frac{1}{6}$ divided into 3 equal parts? $\frac{1}{6} \div 3 = \frac{1}{18}$. There should be 4 twelfths in each of the parts.</p> <p>$\frac{4}{12} = \frac{1}{3}$</p>
<p>3 dimes = _____ of a dollar</p> <p>1 nickel = _____ of a dollar</p>	<p>To check, what is $\frac{1}{4}$ divided into 4 equal parts? $\frac{1}{4} \div 4 = \frac{1}{16}$. There should be 5 eighths in each of the parts.</p> <p>$\frac{5}{8} = \frac{1}{4}$</p>