HW Unit 5 Converting Fractions between Tenths and Hundredths Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_

We have learned to find equivalent fractions. When changing between tenths and hundredths, it means to either multiply or divide the numerator and denominator both by ten.

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| Represent this fraction by coloring in the appropriate amount on the model below:$$\frac{3}{10}$$ | What is the fraction to the left equivalent to in hundredths? Color in the model below.$$\frac{}{100}$$ |

|  |  |
| --- | --- |
| Represent this fraction by coloring in the appropriate amount on the model below:$$\frac{60}{100}$$ | What is the fraction to the left equivalent to in tenths? Color in the model below.$$\frac{}{10}$$ |

Change each fraction below to an equivalent fraction.

* If the denominator is in tenths, change it to hundredths by multiplying both numerator and denominator by 10.
* If the denominator is in hundredths, change it to tenths by dividing numerator and denominator by 10.
* If it is a mixed number, only the fraction changes. The whole number stays the same.

|  |  |
| --- | --- |
| Fraction | Equivalent Fraction |
| $$\frac{9}{10}$$ |  |
| $$\frac{2}{10}$$ |  |
| $$\frac{70}{100}$$ |  |
| $$\frac{1}{10}$$ |  |
| $$\frac{3}{10}$$ |  |
| $$\frac{40}{100}$$ |  |
| 2$\frac{9}{10}$ |  |
| $$\frac{10}{10}$$ |  |
| $$\frac{6}{10}$$ |  |
| 3$\frac{80}{100}$ |  |
| $$\frac{10}{100}$$ |  |
| $$\frac{80}{100}$$ |  |
| $$\frac{5}{10}$$ |  |
| $$\frac{100}{100}$$ |  |