

Equivalent Fractions and Decimals

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Convert $\frac{1}{10}$ to an equivalent fraction with a denominator of 100.

2. Convert $\frac{3}{10}$ to an equivalent fraction with a denominator of 100.

3. Convert $\frac{7}{10}$ to an equivalent fraction with a denominator of 100.

4. What is 0.25 as a fraction with a denominator of 100?

5. What is 0.5 as a fraction with a denominator of 100?

6. Anna has 30 out of 100 candies. What fraction of candies does she have?

7. If 60 out of 100 students passed the test, what fraction of students passed?

8. Circle the greater equivalent fraction: $\frac{30}{100}$:

100

or

3

9. Complete the equivalent fraction: $\frac{4}{10} = \frac{\quad}{100}$

10. $\frac{1}{10}$ is equal to $\frac{10}{100}$.

True False

11. $\frac{5}{10}$ is equal to $\frac{15}{100}$.

True False

12. A recipe calls for $\frac{20}{100}$ of a cup of sugar. How much is that as a fraction over 10?

13. If you convert $\frac{90}{100}$ to a fraction over 10, what is it?

14. Convert $\frac{8}{10}$ to an equivalent fraction with a denominator of 100.

15. What is 0.75 as a fraction with a denominator of 100?

Answer Key

1. 10/100 2. 30/100 3. 70/100 4. 25/100 5. 50/100 6. 3/10 7. 6/10 8. Both are equal 9. 40 10. True 11. False 12. 2/10 13. 9/10 14. 80/100 15. 75/100