

Converting Decimals to Fractions

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Convert 0.75 to a fraction.

2. Convert 0.2 to a fraction.

3. Convert 0.125 to a fraction.

4. Liam scored 0.5 points in a game. What fraction represents his score?

5. Emma drank 0.6 liters of water. Convert this to a fraction.

6. Convert 0.3 to a fraction.

7. Circle the greater fraction: $\frac{1}{3}$:

4 or 0

8. What fraction is equivalent to 0.4?

9. 0.9 is equal to $\frac{9}{10}$.

True False

10. A recipe requires 0.25 cups of sugar. What is this as a fraction?

11. Convert 0.9 to a fraction.

12. A fabric length of 0.8 meters is needed. Convert this to a fraction.

13. Convert 0.05 to a fraction.

14. Sarah has 0.33 of a pizza left. What fraction does this represent?

15. Circle the fraction that is simplified: $\frac{4}{2}$:

8 or 1

Answer Key

1. $3/4$ 2. $1/5$ 3. $1/8$ 4. $1/2$ 5. $3/5$ 6. $3/10$ 7. 0.3 8. $2/5$ 9. True 10. $1/4$ 11. $9/10$ 12. $4/5$ 13. $1/20$ 14. $1/3$ 15. $1/2$
