

Fractions, Decimals & Percents - Practice Worksheet

Name: _____ Date: _____

Instructions: Convert each value into the other two forms. Show your working. Simplify all fractions to lowest terms.

1. Convert $\frac{1}{2}$ to a decimal and a percent.

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2. Convert 0.25 to a fraction and a percent.

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3. Convert 75% to a fraction and a decimal.

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4. Convert $\frac{3}{5}$ to a decimal and a percent.

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5. Convert 0.4 to a fraction and a percent.

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6. Convert 30% to a fraction and a decimal.

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7. Convert $\frac{7}{8}$ to a decimal and a percent.

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8. Convert 0.125 to a fraction and a percent.

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9. Convert 66.6% (repeating) to a fraction and a decimal.

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10. Convert $\frac{5}{6}$ to a decimal (round to 3 decimal places) and a percent (round to 1 decimal place).

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Answer Key

1. 0.5 and 50%

2. $\frac{1}{4}$ and 25%

3. $\frac{3}{4}$ and 0.75

4. 0.6 and 60%

5. $\frac{2}{5}$ and 40%

6. $\frac{3}{10}$ and 0.3

7. 0.875 and 87.5%

8. $\frac{1}{8}$ and 12.5%

9. $\frac{2}{3}$ and 0.666... (repeating)

10. 0.833 and 83.3%