

Name:

Date:

Converting Between Fractions, Decimals, and Percents

1. Write these decimals as fractions:

a) $0.35 =$

b) $0.225 =$

c) $0.03 =$

d) $0.073 =$

2. Write these fractions as decimals:

a) $\frac{7}{5} =$

b) $\frac{3}{7} =$

c) $\frac{7}{25} =$

d) $\frac{3}{10} =$

3. Write these percentages as decimals:

a) $25.5\% =$

b) $12.6\% =$

c) $17\% =$

d) $92\% =$

4. Write these percentages as fractions:

a) $35.7\% =$

b) $15.7\% =$

c) $39.9\% =$

d) $5.5\% =$

5. Write these decimals as percentages:

a) $0.08 =$

b) $0.45 =$

c) $0.475 =$

d) $0.15 =$

6. Write these fractions as percentages:

a) $\frac{5}{13} =$

b) $\frac{3}{4} =$

c) $\frac{21}{26} =$

d) $\frac{9}{16} =$

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Answers

a) $0.35 = \frac{7}{20}$

b) $0.225 = \frac{9}{40}$

c) $0.03 = \frac{3}{100}$

d) $0.073 = \frac{73}{1000}$

a) $\frac{7}{5} = 1.4$

b) $\frac{3}{7} = 0.428$

c) $\frac{7}{25} = 0.28$

d) $\frac{3}{10} = 0.3$

a) $25.5\% = 0.255$

b) $12.6\% = 0.126$

c) $17\% = 0.17$

d) $92\% = 0.92$

a) $35.7\% = \frac{357}{1000}$

b) $15.7\% = \frac{157}{1000}$

c) $39.9\% = \frac{399}{1000}$

d) $5.5\% = \frac{11}{200}$

a) $0.08 = 8\%$

b) $0.45 = 45\%$

c) $0.475 = 47.5\%$

d) $0.15 = 15\%$

a) $\frac{5}{13} = 38.46\%$

b) $\frac{3}{4} = 75\%$

c) $\frac{21}{26} = 80.77\%$

d) $\frac{9}{16} = 56.25\%$