

Unit 2 Day 2
2-2 Percents, Fractions, + Decimals

Feb. 16th, 2016

Convert the following to fractions:

1) 35%
= 0.35
= $\frac{35}{100}$
= $\frac{7}{20}$

2) 62.5%
= 0.625
= $\frac{5}{8}$

3) 33%
= 0.33
= $\frac{33}{100}$

4) $33.\overline{3}\%$
= $0.3\overline{3}$
= $0.\overline{3}$ ($= \frac{3}{9}$)
= $\frac{1}{3}$

5) $88.\overline{8}\%$
= $0.8\overline{8}$
= $0.\overline{8}$
= $\frac{8}{9}$

6) $27.\overline{27}\%$
= $0.2\overline{727}$
= $0.\overline{27}$
= $\frac{27}{99}$
= $\frac{3}{11}$

7) Write 1.09 as a percent and a fraction.

= $1\frac{9}{100}$ or
= $\frac{109}{100}$ 1.09 109%

8) Write $1.\overline{09}$ as a percent + fraction.

= $1.\overline{09}$
= $109.\overline{09}\%$
= $1\frac{9}{99}$
= $1\frac{1}{11}$ = $\frac{12}{11}$

Practice 2-2, if finished, complete 2-1