

6-4

0.32

• multiply by 100

↳ moving decimal  
two times to  
the right.

32%

45%

•  $\div 100$

decimal two  
times to the  
left

0.45

45%

• put % over  
100 ( $\frac{\%}{100}$ )

$$\frac{45}{100} = \frac{9}{20}$$

• simplify

45.6%

$$\frac{45.6}{100} \cdot \frac{10}{10}$$

$$2 \sqrt{456}$$

$$2 \sqrt{114}$$

$$\frac{456}{1000}$$

$$\frac{228}{500} = \frac{114}{250} = \frac{57}{125}$$

$$83\frac{1}{3}\%$$

$$\frac{83\frac{1}{3}}{100}$$

$$83\frac{1}{3}\%$$

$$\frac{83.\bar{3}}{100}$$

$$0.8\bar{3}$$

$$\begin{array}{r} 83 \\ 250 \\ \hline 2149 \\ 21 \\ \hline 2170 \end{array}$$

$$83\frac{1}{3} \div 100$$

$$\frac{250}{1} \div \frac{100}{1}$$

$$\frac{250}{1} \times \frac{1}{100}$$

5/10

$$\frac{2}{5} \cdot \frac{20}{20}$$

$$\frac{40}{100}$$

$$40\%$$

• denominator = 100

$$= 100$$

$$\frac{2}{5}$$

$$5 \overline{) 2.0} \\ \underline{2.0} \\ 0$$

$$0.4 \times 100$$

$$40\%$$

11/30 Homework

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~~#~~ 20-48 even