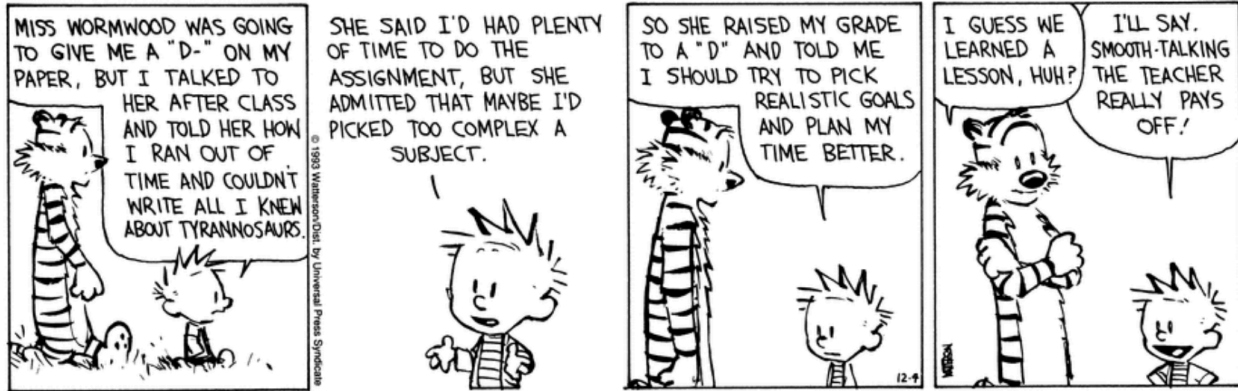


## MATH 8 Chapter 4: Understanding Percent

Percents less than 1 and greater than 100 (decimal and fraction percents)

### 4.2 Fractions, Decimals, and Percents p. 130-137



#### Example 1: Convert Fractions to Decimals and Percents

Convert each fraction to a decimal and a percent.

a)  $\frac{1}{20}$

b)  $\frac{71}{200}$

c)  $\frac{9}{8}$

#### Show You Know

Convert each fraction to a decimal and a percent.

a)  $\frac{3}{40}$

b)  $\frac{171}{300}$

c)  $\frac{88}{50}$

### Example 2: Convert Decimals to Percents and Fractions

Convert each decimal to a percent and a fraction.

- a) 0.0032      b) 0.125      c) 3.26

### Show You Know

Convert each decimal to a percent and a fraction.

- a) 0.0064      b) 0.268      c) 5.98

### Example 3: Convert Percents to Fractions and Decimals

Convert each percent to a decimal and a fraction.

- a) 160%      b) 0.35 %      c)  $25\frac{3}{5}\%$

### Show You Know

Convert each percent to a decimal and a fraction.

- a) 750%      b) 0.3%      c)  $12\frac{3}{4}\%$

