

Prealgebra ~ Lesson 35

Work the following examples as you listen to the recorded lecture.

Ratios and Rates

Ratio – a comparison of two quantities

Rate – compares different types of quantities

Write the following ratios in simplest form using fractional notation:

Example 1:

25 to 150

Example 2:

8.1 to 10

Example 3:

6 ounces to 16 ounces

Example 4:

$3\frac{1}{3}$ to $4\frac{1}{6}$

Example 5:

$3\frac{1}{2}$ to $12\frac{1}{4}$

Find the unit rate. Which is the better buy?

Example 6: **12 ounces for \$2.29**

8 ounces for \$1.49