

# **Ratio and Proportions Review**

# 5.1

## Ratios

**Write the ratio of apples to oranges.  
Explain what the ratio means.**



# Practice

Write the ratio. Explain what the ratio means.

1. butterflies : caterpillars



2. saxophones : trumpets



**5.2****Ratio Tables**

Find the missing values in the ratio table.  
Then write the equivalent ratios.

<b>Trees</b>	2	6	
<b>Birds</b>	5		30

# Practice

Find the missing values in the ratio table. Then write the equivalent ratios.

3.

Levers	6		18
Pulleys	3	6	

4.

Cars	3	6	
Trucks	4		24

## 5.3

## Rates

A horse can run 165 feet in 3 seconds. At this rate, how far can the horse run in 5 seconds?

# Practice

**Write a unit rate for the situation.**

5. 12 stunts in 4 movies

6. 3600 stitches in 3 minutes

# Practice

7. **MUSIC** A song has 28 beats in 4 seconds. At this rate, how many beats are there in 30 seconds?



## 5.4

# Comparing and Graphing Ratios

There are 24 grams of sugar in 6 fluid ounces of Soft Drink A, and there are 15 grams of sugar in 4 fluid ounces of Soft Drink B. Which soft drink contains more sugar in a 12-ounce can?

# Practice

8. **TUNA** A 5-ounce can of tuna costs \$0.90. A 12-ounce can of tuna costs \$2.40. Which is the better buy?

**5.5****Percents**

Write  $\frac{3}{20}$  as a percent.

# Practice

Write the percent as a fraction or mixed number in simplest form.

9. 12%

10. 88%

11. 0.8%

# Practice

Write the fraction or mixed number as a percent.

12.  $\frac{3}{5}$

13.  $\frac{43}{25}$

14.  $1\frac{21}{50}$