

# \* Homework for Monday Night 1-12-2015

NAME \_\_\_\_\_ DATE \_\_\_\_\_ PERIOD \_\_\_\_\_

## Skills Practice

### Ratios

Use labels!

For Exercises 1–10, write each ratio as a fraction in simplest form. Then explain its meaning.

1. 3 sailboats to 6 fan boats

$$\frac{3 \div 3}{6 \div 3} = \frac{1 \text{ sailboats}}{2 \text{ fan boats}}$$

2. 4 tulips to 6 daffodils

3. 5 ducks to 30 geese

4. 5 baseballs to 25 softballs

5. 6 poodles to 18 beagles

6. 10 brown eggs to 12 white eggs

7. **WALLPAPER** The design on Santana's wall includes 16 pink stripes and 20 green stripes. Find the ratio of pink stripes to green stripes.

8. **JAZZ BAND** In the jazz band at Wyatt's school, there are 15 trumpets and 9 trombones. Find the ratio of trombones to trumpets.

$$\frac{9 \div 3}{15 \div 3} = \frac{3 \text{ trombones}}{5 \text{ trumpets}}$$

9. **WILDLIFE PARK** At a wildlife park, Zoey counted 10 lions and 14 tigers. What is the ratio of lions to tigers?

10. **MAILBOX** In one week, Latrina received 18 letters and 8 bills. What was the ratio of bills to letters?

11. **GYM CLASS** Mr. Riley allowed a class of sixth graders to choose an activity for their gym class. What is the ratio of students playing volleyball to the total number of students? Write the ratio as a fraction in simplest form. Then explain its meaning.

Gym Class Activities	
Activity	Students
Volleyball	12
Softball	21
Soccer	3

12. **FRUIT SALAD** In a fruit salad, there are 12 strawberries, 14 grapes, 6 kiwis, and 4 papayas. Find the ratio of kiwis to the total number of pieces of fruit in the fruit salad. Write the ratio as a fraction in simplest form. Then explain its meaning.