**Practice**

**For Exercises 1–10, write each ratio in two different ways (simplify). Then explain its meaning.**

**1.** 3 sailboats to 6 fan boats **2.** 4 tulips to 6 daffodils

**Example:** (, **3:6, 3 to 6)**

**For every 3 sailboats, there are 6 fan boats.**

.

**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.

**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, Katrina received 18 letters and 8 bills. What was the ratio of bills to letters?

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| **Gym Class Activities** |
| **Activity** | **Students** |
| Volleyball | 12 |
| Softball | 21 |
| Soccer | 3 |

**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.

**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.