

1-2 Ratios Homework Practice

For all problems, write each ratio as a fraction in simplest form. Then explain its meaning.

1. 6 poodles to 18 beagles
2. 10 brown eggs to 12 white eggs
3. **WALLPAPER** The design on Santana's wall includes 16 pink stripes and 20 green stripes. Find the ratio of pink stripes to green stripes.
4. **JAZZ BAND** In the jazz band at Wyatt's school, there are 15 trumpets and 9 trombones. Find the ratio of trombones to trumpets.
5. **WILDLIFE PARK** At a wildlife park, Zoey counted 10 lions and 14 tigers. What is the ratio of tigers to lions?
6. **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.
7. **ZOOS** A petting zoo has 5 lambs, 11 rabbits, 4 goats, and 4 piglets. Find the ratio of goats to the total number of animals.

8. **FOOD** At the potluck, there were 6 pecan pies, 7 lemon pies, 13 cherry pies, and 8 apple pies. Find the ratio of apple pies to the total number of pies.

9. **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?

Gym Class Activities	
Activity	Students
Volleyball	12
Softball	21
Soccer	3

10. **CCSS Model with Mathematics** Refer to the graphic novel frame below for Exercises a–b.



- a. For each store, what is the ratio of the number of cans to the price?

- b. What would be the ratio of the number of cans to the price at Super Saver and Price Busters if a coupon for \$1 off the total purchase is used?
