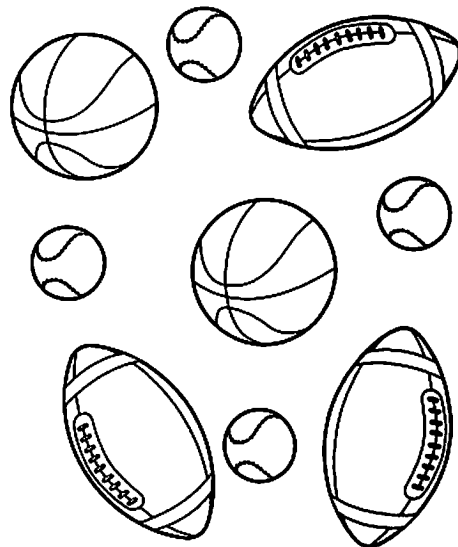




## SKILL 1: Ratios

A **ratio** is a comparison of two quantities.

The ratio of footballs to basketballs shown at the right is  $\frac{3}{2}$ . This ratio can also be written as 3 : 2 and 3 to 2.



### Example

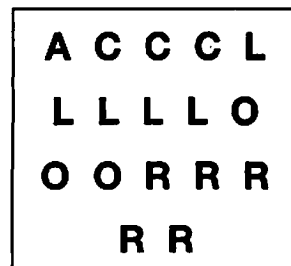
**Give the ratio comparing the number of baseballs to the total number of balls shown.**

Four out of nine balls shown are baseballs. The ratio of baseballs to balls shown can be written as 4 to 9, 4 : 9, or  $\frac{4}{9}$ .

### Guided Practice

Use the letters in the box.

- How many letters are there in all? \_\_\_\_\_
- How many letters are Rs? \_\_\_\_\_
- How many letters are Os? \_\_\_\_\_
- Give the ratio of Rs to Os. \_\_\_\_\_
- Give the ratio of Os to Rs. \_\_\_\_\_
- Give the ratio of Rs to all letters in three ways. \_\_\_\_\_



**In a group of students, 35 are right-handed and 6 are left-handed.**

- Give the ratio of right-handers to left-handers. \_\_\_\_\_
- Give the ratio of left-handers to right-handers. \_\_\_\_\_
- Give the ratio of right-handers to all students. \_\_\_\_\_
- Give the ratio of left-handers to all students. \_\_\_\_\_

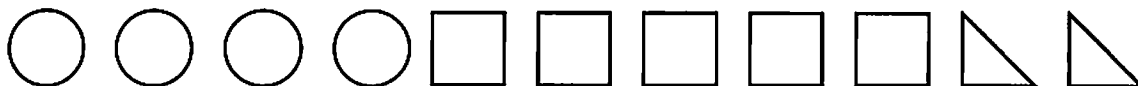
**SKILL 1: Practice**

The students at Monroe School are divided into three teams as shown at the right. Write the ratio that makes each comparison.

	Team A	Team B	Team C
Girls	50	72	65
Boys	57	49	58

- Girls to boys on Team A \_\_\_\_\_
- Boys on Team A to Boys on Team C \_\_\_\_\_
- Team B students to Team A students \_\_\_\_\_

Use the figures pictured. Give each ratio.



- Squares to circles \_\_\_\_\_
- Triangles to squares \_\_\_\_\_
- Circles to triangles \_\_\_\_\_
- Triangles to all figures \_\_\_\_\_
- Write the ratio of circles to squares in three ways. \_\_\_\_\_

Last season, the Yorktown football team won 6 games, lost 3 games and tied 1 game. Tell what each ratio compares.

- 6 to 3 \_\_\_\_\_
- 3 to 10 \_\_\_\_\_
- 7 to 3 \_\_\_\_\_



12. Give the ratio of Os to Xs.  
O O O X X O X O

A  $\frac{3}{5}$

C  $\frac{5}{8}$

B  $\frac{5}{3}$

D  $\frac{3}{8}$

Skill 1

13. Last year 6 out of 8 days were sunny. Which ratio **does not** compare sunny days to total days?

F 6 to 8

H  $\frac{6}{8}$

G 6 : 8

J 6 to 14

Skill 1