
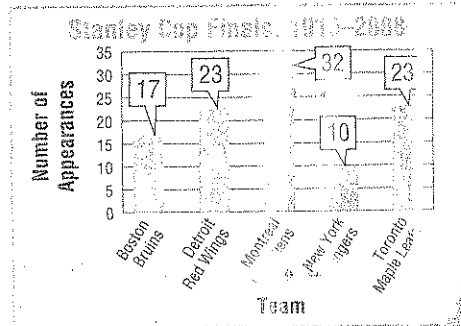


4. The table shows the number of books Salvador has read. Find the ratio of mystery books to the total. Explain its meaning. (Example 3)

Type	Number of Books
Mystery	10
Nonfiction	7
Science Fiction	5
Western	2

5. Divide 33 photos into two groups so the ratio is 4 to 7. (Example 4)

 **Use Math Tools** The graph shows the number of appearances of hockey teams in the Stanley Cup Finals.



a. Write the ratio that compares the appearances made by the Rangers to the appearances made by the Canadiens in simplest form. Then explain its meaning.

b. Write the ratio that compares the appearances made by the Maple Leafs to the appearances made by the Bruins in simplest form. Then explain its meaning.

13. An animal shelter has 36 kittens and 12 puppies available for adoption. What is the ratio of puppies to kittens?

14. Find the ratio of black cell phone covers sold to the total number of cell phone covers sold last week. Then explain its meaning.

Color	Number of Cell Phone Covers Sold
Green	5
Silver	6
Red	3
Black	4

15. On the first day of the food drive, Mrs. Teasley's classes brought in 6 cans of fruit, 4 cans of beans, 7 boxes of noodles, and 4 cans of soup. Find the ratio of cans of fruit to the total number of food items collected. Then explain its meaning.

16. The rise and span for a roof are shown. The pitch of a roof is the ratio of the rise to the half-span. If the rise is 8 feet and the span is 30 feet, what is the pitch in simplest form?

