Simplifying Ratios with Word Problems

Example:
>   **There are fifty flavors of ice cream and five choices of toppings. Find the ratio of toppings to flavors.**
> $$\frac{5}{50} = \frac{1}{10}.$$

There is a soccer team of twenty players, but there are only twelve jerseys. Find:

1.   The ratio of players to jerseys.

2.   The ratio of missing jerseys to total players.

3.   The ratio of total jerseys to missing jerseys.

Find a ratio for the following word problems.

1.   Out of 200 students, 130 go out for lunch. Write the ratio of students who stay to eat in the cafeteria to students who leave.

2.   Write the ratio of passing scores to all 500 testing scores if there were 25 failing scores.

3.   Write the ratio of baby girls to baby boys with a hospital full of 1,000 babies, 430 being boys.

4.   A garden contains 10 different types of flowers and each type has 6 flowers. Write the ratio of tulips to total number of flowers.