Name: .... Class: ....

Write a ratio word problems

a. In Anna's class, there are 12 girls and 20 boys. What is the ratio of the number of :
(a) Girls to boys?
(b) boys to total number of pupils?

b. Anabel has a collection of 99 marbles. There are 20 red marbles, 55 blue marbles, and the rest are white. What is the ratio of white marbles to the total marbles?
Simplify and write your answer using (**/**).

c. A school health club has 50 members of which 35 are females, and the rest are males. What is the ratio of males to females?

d. In a rabbit community, there are 105 adult male rabbits, 200 female rabbits, and 350 baby rabbits. What is the number of the ratio of:
a. Male rabbits to female rabbits?
b. Baby rabbits to female rabbits?
c. Male rabbits to the total number of female and baby rabbits?

e. There are 20 apples, 15 oranges, 24 pears, and 55 strawberries in Mrs. Jone's basket.
Find the ratio of:
a. Apples to oranges.
b. Pears to the total number of fruits.
c. Strawberries to the total number of fruits.
d. Pears to oranges and apples.
e. Apples to the total number of fruits.

f. In Boris' school, 15 kids are in grade 1, 20 in grade 2, 10 in grade 3, 5 in pre-k, 30 in grade 6, 12 in grade 5, and 24 in grade 4. What is the ratio of :
a. Grade 1 kids to the total number of kids in pre-k to grade 6?
b. Grade 2 and 3 kids to the total number of kids in pre-k to grade 6?
c. Grade 6 kids to the total number of kids in pre-k to grade 6?
d. Pre-k to grade 1 Kids?
e. Grade 6 to grade 5 kids?

Name: .... Class: ....

Write a ratio word problems

a. In Anna's class, there are 12 girls and 20 boys. What is the ratio of the number of :
(a) Girls to boys? (b) Boys to total number of pupils?

(a) Girls to boys?
 Number of girls = 12.
 Number of boys = 20.
 Therefore, ratio of girls to boys = 12 : 20.
 12 : 20 in its lowest terms = 3 : 5.
(b) Boys to total number of pupils?
 Total number of pupils = 20 + 12 = 32.
 Therefore, the ratio of boys to total number of pupils = 20 : 32.
 20 : 32 in its lowest terms = 5 : 8.

b. So, ratio of white marbles to total number of marbles = 24 : 99 = 24/99 = 8/33.

c. So, the ratio of males to females = 15 : 35 or 3 : 7.

d. a. 105/200 = 21/40.
 b. 350/200 = 7/4.
 c. 105/550 = 21/110.

e. a. 20/15 = 4/3.
 b. 24/114 = 12/57.
 c. 55/114.
 d. 24/35.
 e. 20/114 = 10/57.

f. a. 15/116.
 b. 30/116 = 15/58.
 c. 30/116 = 15/58.
 d. 5/15 = 3/5.
 e. 30/12 = 5/2.