

Name: Class:

Write a ratio word problems

1. In Anna's class, there are 16 girls and 24 boys. What is the ratio of the number of :
(a) Girls to boys?

(b) boys to total number of pupils?
2. Anabel has a collection of 99 marbles. There are 10 red marbles, 65 blue marbles, and the rest are white. What is the ratio of white marbles to the total marbles? Simplify and write your answer using /
3. A school health club has 75 members of which 50 are females, and the rest are males. What is the ratio of males to females?
4. Anny has a collection of 54 marbles. There are 7 red marbles, 25 blue marbles, and the rest are white. What is the ratio of white marbles to the total marbles? Simplify and write your answer using /
5. A school newsletters club has 100 members of which 75 are females, and the rest are males. What is the ratio of males to females?
6. Jeanne has a collection of 130 toys. There are 30 red toys, 60 blue toys, and the rest are white. What is the ratio of white toys to the total marbles? Simplify and write your answer using /
7. A sport organization has 120 members of which 60 are females, and the rest are males. What is the ratio of males to females?

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1. In Anna's class, there are 16 girls and 24 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 = 16

Number of boys = 24

Therefore, ratio of girls to boys = 16 : 24

16 : 24 in its lowest terms = 2 : 3

(b) Boys to total number of pupils?

Total number of pupils = 24 + 16 = 40

Therefore, the ratio of boys to total number of pupils = 24 : 40.

24 : 40 in its lowest terms = 6 : 10 = 3 : 5

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

3. So, the ratio of males to females = 25 : 50 or $5/10 = 1/2$.

4. So, ratio of white marbles to total number of marbles = 22 : 54 = $22/54 = 11/27$.

5. So, the ratio of males to females = 25 : 75 or $5/15 = 1/3$.

6. So, ratio of white marbles to total number of marbles = 40 : 130 = $40/130 = 4/13$.

7. So, the ratio of males to females = 60 : 120 or $1/2$.