VIDYA BHAWAN BALIKA VIDYA PITH

शक्तिउत्थानआश्रमलखीसरायबिहार

Class :-11(Maths) Date:- 14.03.2021

1. There are 20 girls and 15 boys in a class.

(a) What is the ratio of number of girls to the number of boys?

(b) What is the ratio of number of girls to the total number of students in the class?

Solutions:

Given

Number of girls = 20 girls

Number of boys = 15 boys

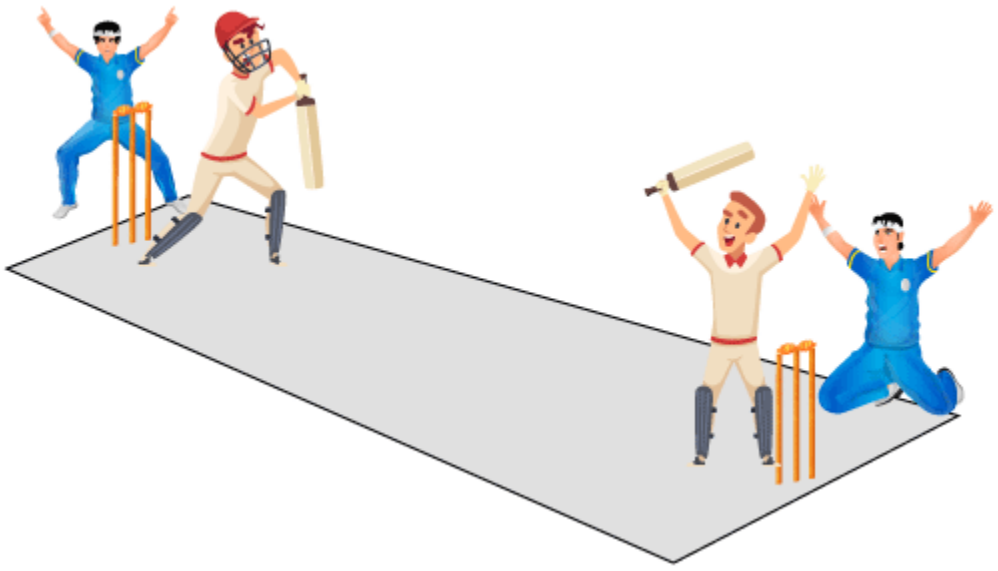
Total number of students = 20 + 15

= 35

(a) Ratio of number of girls to number of boys = 20 / 15 = 4 / 3

(b) Ratio of number of girls to total number of students = 20 / 35 = 4 / 7

2. Out of 30 students in a class, 6 like football, 12 like cricket and remaining like tennis. Find the ratio of



(a) Number of students liking football to number of students liking tennis.

(b) Number of students liking cricket to total number of students.

Solutions:

Given

Number of students who like football = 6

Number of students who like cricket = 12

Number of students who like tennis = 30 – 6 – 12

= 12

(a) Ratio of number of students liking football to the number of students liking tennis

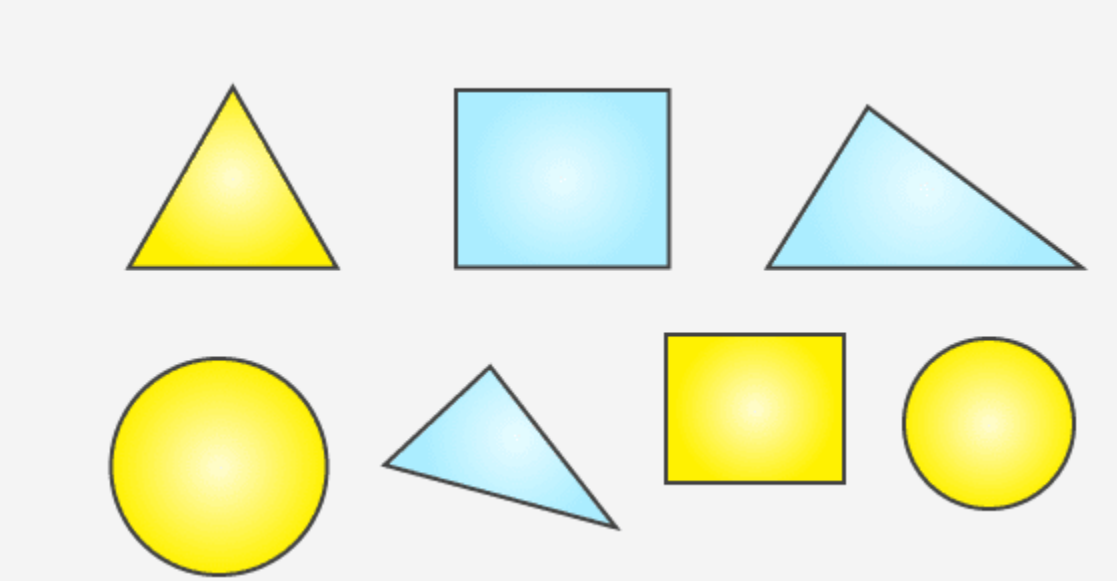
= 6 / 12 = 1 / 2

(b) Ratio of number of students liking cricket to total number of

= 12 / 30

= 2 / 5

3. See the figure and find the ratio of



(a) Number of triangles to the number of circles inside the rectangle.

(b) Number of squares to all the figures inside the rectangle.

(c) Number of circles to all the figures inside the rectangle.