

Name : _____

Practicing Ratio and Proportion

Answer the following questions.

- 1 There are x number of boys in a school and y number of girls. What is the ratio of the number of boys to total number of students in the present form?

- 2 If 25 floppy discs cost \$5.50, calculate the cost of 11 floppy discs.

- 3 The ratio of the number of sides of a square to the number of edges of a cube is

- 4 In a box the ratio of red marbles to blue marbles is 7:4. Which of the following could be the total number of marbles in the box?

a) 22 b) 24 c) 20 d) 26

- 5 If $x : y = 3 : 5$, find the ratio $(3x + 4y) : (8x + 5y)$

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Answers

- 1 There are x number of boys in a school and y number of girls. What is the ratio of the number of boys to total number of students in the present form?

$$\frac{x}{x + y}$$

- 2 If 25 floppy discs cost \$5.50, calculate the cost of 11 floppy discs.

$$\underline{\$2.42}$$

- 3 The ratio of the number of sides of a square to the number of edges of a cube is

$$\underline{1:3}$$

- 4 In a box the ratio of red marbles to blue marbles is 7:4. Which of the following could be the total number of marbles in the box?

a) 22 b) 24 c) 20 d) 26

$$\underline{22}$$

- 5 If $x : y = 3 : 5$, find the ratio $(3x + 4y) : (8x + 5y)$

$$\underline{29:49}$$