

CBSE Worksheet-50

CLASS - VI Mathematics (Ratio and Proportion)

Choose correct	option i	n questions	1 to	5.
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1.	Cost of a toffee is 50 paise and cost of a chocolate is Rs 10. Find the ratio of the cost of a toffee to the cost of a chocolate.							
	a.	1:20	b.	20:1				
	c.	1:50	d.	50:1				
2.	Sheena has 2 marbles and her friend Shabnam has 3 marbles. Find the ratio of marbles that Sheena and Shabnam have.							
	a.	3:2	b.	2:3				
	C.	2:5	d.	3:5				
3.	If the cost of a dozen soaps is Rs 153.60, what will be the cost of 15 such soaps?							
	a.	Rs 150	b.	Rs 180	eost of 15 such soups.			
	c.	Rs 192	d.	Rs 200				
	C.	NS 192	u.	NS 200				
4.	A car travels 90 km in $2\frac{1}{2}$ hours. How much time is required to cover 30 km with the							
	same	speed?						
	a.	20 minutes	b. (30 minutes				
	c.	40 minutes	$\left\langle \mathbf{d}.\right\rangle$	50 minutes				
5.		Ravi and Rani started a business and invested money in the ratio 2 : 3. After one year the total profit was Rs 40,000. What is the share of Ravi in profit?						
	a.	Rs 16000	b.	Rs 24000				
	C.	Rs 15000	d.	Rs 20000				
Fill in	the bl	anks:						
6.			t they a	re in .				
7.	If two ratios are equal, we say that they are in The value of the variable in an equation which satisfies the equation is called a to the equation.							
8.	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.							
9.	Find the ratio of the following:							
	a. 33 km to 121 km							
	b.	40 cm to 1.5 m						
10.		Present age of father is 42 years and that of his son is 14 years. Find the ratio of age of father after 10 years to the age of son after 10 years.						



Answer key:

- 1. a
- 2. b
- 3. c
- 4. d
- 5. a
- 6. proportion
- 7. solution
- 8. a. 1:2
 - b. 2:5
- 9. a. 3:11
 - b. 4:15
- 10. 13:6