



# INDIAN SCHOOL NIZWA - WORKSHEET

## MATHEMATICS CH 12: Ratio and Proportion

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: VI Sec: \_\_\_\_

1. Find the ratio of the following:
  - a) 21 hours to 49 hours
  - b) 75 cm to 3 metres
  
2. Find the ratio of 250g to 5 kg
  
3. Out of total 1450 students in a school, 1000 went for the picnic. Find the ratio of :
  - a) Students who went to the picnic to total students.
  - b) Students who did not go to the picnic to those who went for the picnic.
  
4. Write the middle terms and the extreme terms, if the numbers form the proportion in  $1\text{ kg} : 40\text{ kg}$  and  $25\text{ g} : 625\text{ g}$ .
  
5. A scooter needs 3 litres petrol to cover 90km. How many litres of petrol is required to cover 120km.
  
6. A car travels 90 km in  $2\frac{1}{2}$  hours.
  - a) How much time is required to cover 40 km with the same speed?
  - b) Find the distance covered in 3 hours with the same speed.
  
7. Check whether the following are in proportion or not:
  - a) 2:9 and 18:81



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b) ₹ 10 to ₹ 15 and 4 to 6.

8. A horse and cart together cost ₹ 2880 . Find the cost of each if their costs are in the ratio 5 : 3.

9. Give two equivalent ratios of 6 : 4.

10. Lakshmi earns ₹ 1,44,000 in 15 months.

a) How much does she earn in 7 months.

b) In how many months will she earn ₹ 2,40,000.