NALANDA V Nalanda Vidyalaya – Colombo 10 ɔA VIDYALAYA
NALANDA VIDYALAY Unit Test Project NALANDA VIDYALAYA

Grade 6 | Mathematics | **Unit : 21 – Ratio**

Part I

- **Answer all questions.**

(1) Write down how you read the following ratios.
i) 1 : 5 ii) 5 : 9

(2) Write in symbolic form. The ratio three to one.

(3) The length and width of a rectangular room is 12 m and 7 m respectively. Find the ratio of the width to the length.

(4) What are the terms of the ratio. 12 : 7

(5) Write 2 equivalent ratios. 4 : 7

(6) Write in its simplest form. 15 : 9

(7) Write the ratio of 25 cents to one rupee.

(8) 500g of sugar and 1 kg of flour are mixed to make a mixture of food. Find the ratio of the sugar to the flour.

(9) The price of 3 books is Rs. 18. Find the price of 6 books.

(10) Find the ratio of 500g to the $1\frac{1}{2}$ kg. Write it in its simplest form.

Part II

(1) The distance from my home to school is 1 km 250m.
The distance from Mala's house to school is $\frac{1}{2}$ km. Write the ratio of the distance from my home to school to the distance from Mala's house to school in its simplest form.

(2) If the price of 5 eggs is Rs. 105, what is the price of 8 such eggs?

(3) Select the statements that denote a ratio.
i) My weight is half as my father's weight.
ii) Sunil has got less marks than Malith for Mathematics.
iii) My brother is older than my sister.
iv) To make a cake 250g of sugar and 500g of flour are needed.
v) There are 3 blue flags and one yellow flag.

(4) For each ratio given below, Write down 2 equivalent ratios.
i) 8 : 4 ii) 15 : 9

(5) Write each of the ratios given below in its simplest form.
i) 56 : 21 ii) 60 : 150

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