© www.studiestoday.com Downloaded from www.studiestoday.com

VII - Mathematics - Assignment No-03 Comparing Quantities

Ratio - Proportion

(Q1) Are 12, 3, 20, 5 in proportion?

(Q2) Find x if 30, x, 75 and 125 are in proportion

(Q3) Find x if 6, x, x, 6 are in proportion

(Q4) Find the mean proportional of 4 and 9

(Q5) Find the third proportion of 15, 30.

(Q6) Find the fourth proportion of 11, 22, 33.

(Q7) The ratio of length of a ground to its width is 5:2. Find the length if the width is 20m.

(Q8) Price of 15 articles is Rs 150. Find the price of 25 articles.

(Q9) Cost of 9 tables is Rs 540. Find the cost of 10 tables.

(Q10) If 3, 12, and x are in continued proportion Find x

ANSWERS.

(Q1) yes	(Q5) 60	(Q8) ₹ 250-00
(Q2) 50	(Q6) 66	(Q9) ₹ 600-00
(Q3) 6	(Q7) 50m	(Q10) 48
(Q4) 6		

© www.studiestoday.com Downloaded from www.studiestoday.com