

Worksheet of class 8th

Subject - Mathematics

Chapter - 7 [Proportional Reasoning-1]

Q1 Express the ratio in simplest form. 72 to 108 .

Q2 What is the ratio 10 hours to 240 minutes in simplest form?

Q3 A milk container holds 22 litres of milk. The dairy company wants to print the capacity in cubic centimetres (cc) on the packet. What is the capacity in (cc)?

Q4 The salaries of Peehu and Ram are in the ratio 5:7. If the salary of each is increased by Rs 3000 the new ratio becomes 20:27. Find Peehu's original salary?

Q5 In a juice mixture, mango juice and orange juice are mixed in the ratio 4:3. In a container holding 490 litres of the mixture, find the quantity of mango juice and the quantity of orange juice.

Q6 A cyclist covers 18 km in 45 minutes. If he continues at the same speed, how far will he travel in 2 hours?

Q7 When Arjun was 4 years old, his father's age was 8 times his age. What is the ratio of Arjun's age to his father's age? What would be the ratio of their ages when Arjun is 20 years old? Would it remain the same?

Q8 Which of the following statements of proportion are true?

a) $16:20 :: 24:30$

b) $14:28 :: 20:30$

c) $18:6 :: 27:9$