Unitary Method Worksheet

Q1. If 56 books weigh 8 Kg, calculate the weight of 152 books.

Q2. Rakesh completes 5/8 of a job in 20 days. How many more days will it take to finish the job at his current rate?

Q3. If 10 kg of mangoes cost Rs. 500 then what will be the cost for 15 kg?

Q4. If a work can be completed by 20 people in 45 days. How long will it take to complete the same work by 15 people?

Q5. In a camp, there are provisions for 400 persons for 23 days. If 60 more persons join the camp, find the number of days the provision will last.

Q6. A car travels 228 km in 3 hours.
(a) How long will it take to travel 912 km?
(b) How far will it travel in 7 hours?

Q7. If the cost of 9m cloth is Rs. 378, find the cost of 4m cloth

Q8. An aeroplane travels 1485 km in 1 hour. How much distance will it travel in 72 hours?

Q9. In a combined test on Maths & Science, 7.5% failed in Maths, 22.5% failed in Science, & 5% failed in both subjects. If 120 students passed both subjects, how many students attempted the test?

Q.10 Sheena is making a mocktail for a party. she wants to mix apple juice and orange juice in a ratio 4:7. If Sheena wants to make 22 litres of mocktail, how much apple juice will she need for the drink