**Teacher Name: Ambreen Badar Class: 8 Subject: Mathematics**

**Topic: Direct And Inverse Proportion (2)**

**Q1:** If Ahmed walks 250 steps to cover a distance of 200 meters. Find the distance travelled in 350 steps.

**Q2:** A car travels a distance of 225 km in 25 liters of petrol. How many liters of petrol will be required to cover a distance of 540 km by this car?

**Q3:** The cost of 27 kg of iron is Rs.1080. What will be the cost of 120 kg of iron of iron of the same quality?

**Q4:** In a hostel of 50 girls, there are food provisions for 40 days. If 30 more girls join the hotel, how long will these provisions last?

**Q5:** 44 cows can graze a field in 9 days. How many less/more cows will graze the same field in 12 days?

**Q6:** 30 persons can reap a field in 17 days. How many more persons should be engaged to reap the same field in 10 days?

**Q7:** Ali takes 20 minutes to reach his school in 24 minutes with a speed of 6 km/h. If he wants to reach school in 24 minutes, what should be her speed?