The City School
North Nazimabad Boys Campus
Grade 7
Mathematics
Ms. Hira Asad
Topic: Revison Worksheet - Proportions

NAME: _____ **SECTION:** _____ **DATE:** <u>02.03.2018</u>

1. 8 workers can paint a building in 24 days. How many days will 16 workers take to paint the same building?

2. Five identical pipes can fill a tank in 3 hours. How long will it take 7 of these pipes to fill the same tank?

3. My car covers 42km in three liters of petrol. How much will it cover in a full tank of 22 liters?

4. A man thinks that it takes 12 men to make 20 tables in 8 hours. How long it take 8 men to make 32 such tables?

5. $\frac{5}{7}$ of piece of iron has a mass of 9kg. What is the mass of $\frac{6}{7}$ of the iron?

6. If 32 men can reap a field in 15 days, in how many days can 20 men reap the same field.

7. 12 men can dig a pond in 8 days. How many men can dig it in 6 days?

8. A hostel has enough food for 125 students for 16 days. How long will the food last if75 more students join them?

9. A fort had enough food for 80 soldiers for 60 days. How long would the food last if 20 more soldiers join after 15 days?

10. 8 taps having the same rate of flow fill a tank in 27 minutes. If two taps go out of order, how long will the remaining taps take to fill the tank?