

Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Solving Problems Involving Inverse Proportion

Answer the following problems.

1. If 60 persons can consume a certain amount of food in 3 months, in how many months can 30 persons consume the same amount of food?

2. If 6 men can clean a wall in 48 hours, find the number of men required to clean the wall in 56 hours?

3. Fourteen men can finish a job in 18 hours. How long will it take 12 men to finish the same job?

4. Two workers can finish a job in 10 days. How long will 5 workers finish the same job?

5. If 60 persons can consume a certain amount of food in 3 months, in how many months can 30 persons consume the same amount of food?

6. Four machines can recopy 25,000 books in 6 days. How many machines are needed to recopy 25,000 books in 3 days?

7. If 15 artists can do a piece of work in 30 days, in how many days will 10 artists complete the same work?

8. Eight children have enough supply of food for 25 days. How long will this same supply last for 10 children?

9. It takes 3 hours for 8 men to repair a roof. How long will it take 5 men to do the same job?

10. If 60 persons can consume a certain amount of food in 3 months, in how many months can 30 persons consume the same amount of food?