



Use a table to solve each problem. Briefly explain or show your reasoning.

The National Honor Society is raising funds for a trip to Washington D.C. The manager of the UNI dome will pay the group \$400 per game for cleaning up the seating sections of the dome after a football game. The manager said it should take 20 people two hours to finish the job after each game. Assume that everyone works for the entire two hours and that everyone works at the same rate.

1. How long can 16 students expect to work after one game in order to earn \$400?
2. In order to earn \$1200, a group needs to work three games. How many total hours can 12 students expect to work in order to earn \$1200?

Number of People	Dollars Earned	Number of Hours
20	\$400	2