Lesson 4 Problem-Solving Practice
Proportional and Nonproportional Relationships *(Draw Tables and Show work to support your answers). Use separate sheet of paper if required.*

1. SPORTS A touchdown is worth 6 points. Additionally you score an extra point if you can kick a field goal. Is the total number of points scored proportional to the number of touchdowns?	**2. RECREATION** An outdoor swimming pool costs $8 per day to visit during the summer. There is also a $25 yearly registration fee. Is the total cost proportional to the total number of days visited?
3. SCHOOL At a certain middle school, there are 26 students per teacher in every homeroom. Is the total number of students proportional to the number of teachers?	**4. TEAMS** A baseball club has 18 players for every team, with the exception of four teams that have 19 players each. Is the number of players proportional to the number of teams?
5. MONEY At the beginning of the summer, Conan had $180 in the bank. Each week he deposits another $64 that he earns mowing lawns. Is his account balance proportional to the number of weeks since he started mowing lawns?	**6. SHELVES** A bookshelf holds 43 books on each shelf. Is the total number of books proportional to the number of shelves in the bookshelf?