

Divide and Conquer!

Activity 2

1. In each of the following problems, use the language in problems 4 and 5 of Activity 1 to state the answer as a sharing or grouping problem.
 - a. The 24 members of the school swim team plan to raise money by getting pledges for miles in a swim marathon. If the team goal is to swim 120 miles, how many miles should each swimmer swim if all swim the same number of miles?
 - b. There are 270 students in the seventh grade at Tippitt Middle School. If mathematics classes are limited to 30 students, how many mathematics teachers are needed for the seventh grade?
 - c. Members of the school band plan to sell 600 boxes of cookies in a fundraising project. There are 20 members in the band. How many boxes should each member sell to reach the goal if all sell the same number of boxes?
 - d. There are 24 students in Ms. Phillips's fifth-period mathematics class. She is planning an activity that requires teams of four students. How many teams will be formed?
2. How will knowing whether the problem is a sharing or grouping problem help you with division problems?

