Name _____ Date _____

Problem Solving: Equal Groups Problems

CA Standards
KEY NS 2.3, MR 2.4

Threre were 32 students who tried out for the school play. They auditioned in 8 groups of equal size. How many students were in each group?

Way 1 **32** ÷ 8 = ☐

total number of students		number of groups		number of students in each group

Way 2 **8** × ☐ = 32

numbers of groups		number of students in each group		total number of students

$32 \div 8 = 4$ **Solution:** There were 4 students in each group.

Solve each problem involving equal groups.

1. There were 40 songs performed in the school songfest. Each singer sang 5 songs. How many singers sang in the songfest?

   _____

2. Officer Ramirez speaks at schools about public safety. He spoke 12 times one week. He spoke two times at each school. How many schools did he speak at that week?

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3. Groups of 5 students each worked together on a science project for the science fair. If there were 9 science projects, how many students in all participated in the science fair?

   _____

Writing Math In problem 1 above, Amanda decided to multiply the number of songs by the number of singers to get the answer. Was she correct? If not, explain what she should have done.

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