

Name _____ Date _____

A dance choreographer is creating a dance for a dance company with 12 dancers and has run into a problem to solve as she is creating the dance. The choreographer knows the solution to this problem has something to do with composite numbers and finding factors and knows that you know a lot about these topics. Help the choreographer determine how many different ways the dancers could be grouped on stage.

Name _____ Date _____

Be an Investigator
Student Report Sheet

Here are the different ways the choreographer can arrange dancers on the stage.