

## Raining on Big Tarp

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

*Pre-activity question:*

1. Where are the high points and the low points on the tarp? Where do you think the water you spray on the tarp will go?

*Post-activity questions:*

2. Which of the following features were you able to observe or identify on the tarp model?
  - A steep slope
  - A shallow slope
  - A small watershed
  - A large watershed with a smaller watershed within it
  - A ridge or boundary between watersheds
  - A channel
  - A basin (lake or pond)
  - A contour line of elevation around a hill or high point
  - A contour line of elevation inside a valley
  - A location where flooding occurred
3. In your own words, how would you define the following terms, referring to the tarp wherever you can.
  - a. Watershed
  - b. Elevation
  - c. Slope
  - d. Gravimetric potential
  - e. Contour
  - f. Flooding
4. What force is driving the water to move on the tarp?

