



SAFETY RULES ARE THE BEST TOOLS

# Planning the Safety Fair: Location

The following questions will help you decide where to hold your event.

You have a choice between two different locations for your fair. A crew of people will be provided at either location to help you to set up the fair and clean up after it is over. Your budget for the location is \$400. Use repeated multiplication and subtraction to determine how many hours you could hold the fair at each location and stay within your budget. Then use an area model to check your calculations.

1. Location #1 is a grassy area at a local park. This location rents for \$65 per hour.

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2. Location #2 is the parking lot at the local high school. This location rents for \$48 per hour.

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3. Describe how the expression  $65 \times 6 + 10$  relates to the expression  $65 \times (5 + 1) + 10$ .

4. Interpret the expression  $48 \times 8 + 16$  in words.

5. What is the cost to use each location based on the number of hours you determined were possible in question #1?