

## STUDENT WORKSHEET 2

# MOON MATH

Name \_\_\_\_\_

**DIRECTIONS:** Use your math skills to solve the word problems. Then look for five hidden fire-safety messages.

**PROBLEM 1** Sparky®, Luna, Buzz, and Apollo get ready to land on the moon. They do a complete safety check for fire hazards on the rocket. After they land, Sparky and the Space Dogs meet 25 Moonie Loonies. How many total dogs and Loonies are on the moon? \_\_\_\_\_

**PROBLEM 2** The Moonie Loonies have a swimming pool that is 200 degrees. A safe water temperature is 100 degrees. How much cooler does the swimming pool need to be in order for it to be safe? \_\_\_\_\_

**PROBLEM 3** There are 25 Moonie Loonies on the moon. Each has 2 smoke alarms. Sparky tells them that they should each test their smoke alarms once a month. How many smoke alarms should be tested each month? \_\_\_\_\_

**PROBLEM 4** Luna counts 15 outlets in one of the Moonie Loonies' homes. Each outlet can hold 3 plugs. Luna tells the Loonie to never plug extra plugs into the outlets because that could start a fire. How many total plugs could the Loonie safely plug into all the outlets?  
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**PROBLEM 5** Buzz is cooking a big moon meal for everyone. He is sure to stay in the kitchen while food is cooking on the stovetop. Buzz opens 54 pouches of Space Dog food. The food comes in 6 different flavors. Each flavor has the same number of pouches. What is the number of pouches in each flavor? \_\_\_\_\_

