Math Connections

Happy Winter Break! Keep your skills sharp by practicing math and science during your time off.

Name: _____   Date: _____

1. A safety pin is about 1 inch long. Megan builds three friendship bracelets; each bracelet is made by connecting seven safety pins together. How many inches long are the bracelets altogether?

2. Jennifer is constructing a house out of foam bricks for the three little pigs for a school project. Look at the brick below, and use a ruler to measure it in inches. What is the length of the brick in inches?

    If she glues three bricks together to make one side of the house, how many inches long will the side be?

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3. Max's backyard fence is 25 yards long. Jesse's backyard fence is 42 yards long. What is the difference between the two fences in yards? Complete the subtraction problem below.

   _____ – _____ = _____ yards

   How many feet do the fences equal altogether? Complete the addition problem below.

   _____ + _____ = _____ feet

4. Max is building a castle out of Legos. He needs to create one side of the castle that is 12 inches long. How many of the Legos below will he need to make 12 inches?

5. A person's clothes are composed of different solid materials that are sewn together to create a specific object, such as a pair of jeans, a shirt, or a belt. Choose a partner in your class. Use a ruler to measure the length of your partner's jeans in inches.