1) Complete the following table: 2) Complete the following table:

 1 yard = 36 inches Tablespoon = 3 Teaspoons

|  |  |
| --- | --- |
| **Yards** | **Inches** |
| **9 yd.** |  |
|  | **144 in.** |
| **12 yds.** |  |
|  | **324 in.** |

|  |  |
| --- | --- |
| **Tablespoons** | **Teaspoons** |
|  | **12 tsp.** |
| **6 tbsp.** |  |
|  | **15 tsp.** |
| **18 tbsp.** |  |

1) Ms. Keenan was using clay in her 5th grade classes. Each student received 1.3 ounces of clay to make two figures. How many pounds of clay will Ms. Keenan need to purchase so that all 56 students in the 4th grade can make two clay figures? (Remember 16 ounces = 1 pound)

a. 2.6 pounds

b. 145.6 pounds

c. 9.1 pounds

d. 10 pounds

2) The parking garage at Yankee Stadium makes a lot of money each season. The garage has 18 rows on each level with 20 parking spots in each row and is 5 levels high. There are 87 home games annually and parking costs $35 per car. If the garage is always full for every home game, how much money does the parking garage make each baseball season?

3) At Shawn’s birthday party, his mom ordered three pizzas. Each pizza was 4/5 eaten. Draw a picture or model that shows how much pizza was eaten. Record your answer on the line below.

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) There are 60 students in the fifth grade. If 2/5 of them are boys, how many of them are girls.

**Directions:** Solve each multiplication problem using the area model below. Show all of your work.

1. 2 $\frac{1}{2}$ x 15 $\frac{3}{5}$ 2) 20 $\frac{3}{4}$ x 6 $\frac{2}{3}$