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

 1 cup = 8 ounces 1 pound = 16 ounces

|  |  |
| --- | --- |
| **Cups** | **Ounces** |
| **3 c** |  |
| **7 c** |  |
|  | **16 oz.** |
|  | **72 oz.** |

|  |  |
| --- | --- |
| **Pounds** | **Ounces** |
|  | **32 oz.** |
| **10 lbs.** |  |
|  | **80 oz.** |
| **8 lbs.** |  |

1) Ms. Keenan was using clay in her 5th grade classes. Each student received 2.1 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 5th grade can make two clay figures? (Remember 16 ounces = 1 pound)

a. 117.6 pounds

b. 7.35 pounds

c. 14.7 pounds

d. 29.4 pounds

2) The parking garage at Yankee Stadium makes a lot of money each season. The garage has 15 rows on each level with 25 parking spots in each row and is 3 levels high. There are 92 home games annually and parking costs $30 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 5 pizzas. Each pizza was 2/3 eaten. Draw a picture or model that shows how much pizza was eaten. Record your answer on the line below.

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

4) There are 72 students in the fifth grade. If 5/8 of them are girls, how many students are boys?

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

1. 4 $\frac{2}{3}$ x 3 $\frac{4}{7}$ 2) 12 $\frac{5}{8}$ x 2 $\frac{1}{2}$