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

 1 yard = 36 inches

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

|  |  |  |
| --- | --- | --- |
| **Kilometers** | **Meters** | **Centimeters** |
| **4 km** |  |  |
|  | **4 m** |  |
|  |  | **4 cm** |
| **5.6 km** |  |  |

3) Ms. Keenan was using clay in her 5th grade classes. Each student received 1.3 ounces of clay to make one figure. Each student will make 2 clay 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. 2.6 pounds

b. 145.6 pounds

c. 9.1 pounds

d. 10 pounds

4) 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. On average, the garage is 8/9 full and parking costs $35 per car. How much money does the parking garage make each during each baseball game?

5) At Shawn’s birthday party, his mom ordered three pizzas. 2/3 of the pizza was eaten. Draw a picture or model that shows how much pizza was eaten. Record your answer on the line below.

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

6) There are 63 students in 5th grade. If 2/3 are boys and 1/3 of the boys go to afterschool. How many boys in the 5th grade go to afterschool?

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

7) 2 $\frac{1}{2}$ x 15 $\frac{3}{5}$

8) 20 $\frac{3}{4}$ x 6 $\frac{2}{3}$