

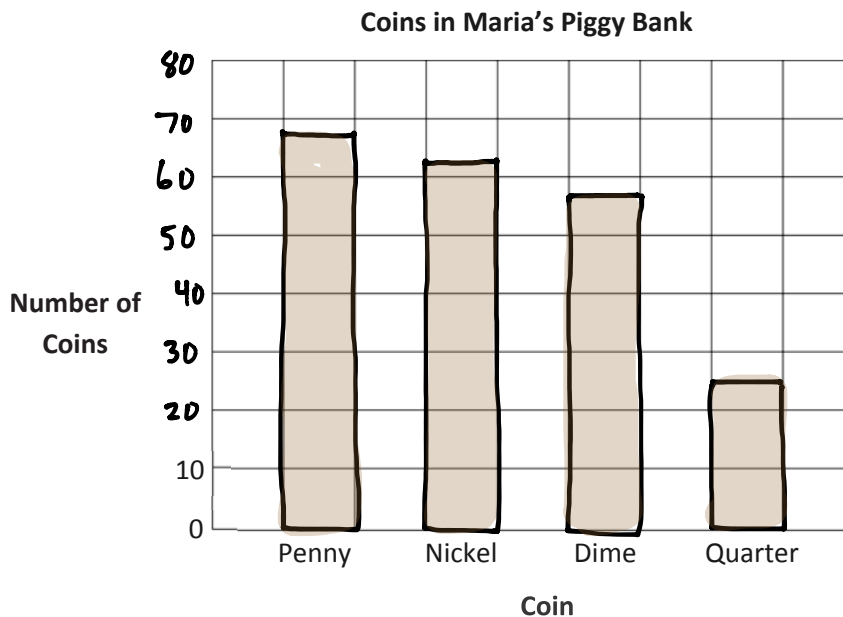
Name _____

Date _____

1. Maria counts the coins in her piggy bank and records the results in the tally chart below. Use the tally marks to find the total number of each coin.

Coins in Maria's Piggy Bank		
Coin	Tally	Number of Coins
Penny	### ### ### ### ### ### ### ### ### ### ### ### ###	68
Nickel	### ### ### ### ### ### ### ### ### ### ### ###	62
Dime	### ### ### ### ### ### ### ### ### ### ###	57
Quarter	##### #####	24

- a. Use the tally chart to draw a bar graph below. The scale is given.



- b. How many more pennies are there than dimes?

11 more pennies.

$$\begin{array}{r} 68 \\ - 57 \\ \hline 11 \end{array}$$

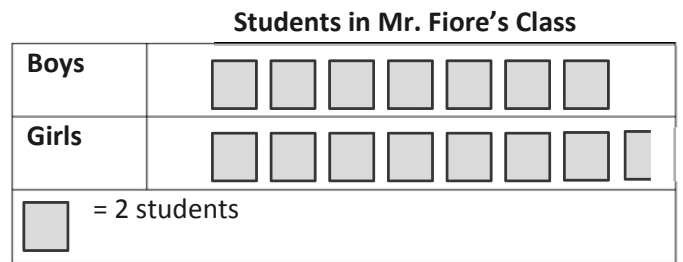
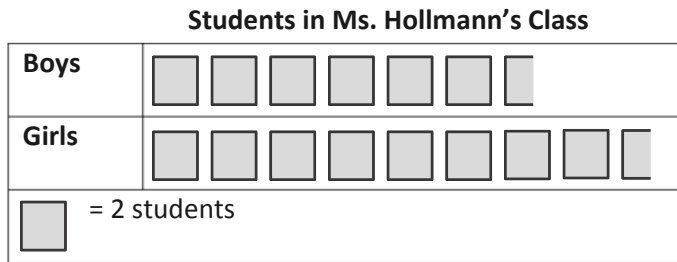
- c. Maria donates 10 of each type of coin to charity. How many total coins does she have left? Show your work.

$$(68 + 62 + 57 + 24) - 40$$

$$211 - 40 = 171$$

171 coins are left

2. Ms. Hollmann's class goes on a field trip to the planetarium with Mr. Fiore's class. The number of students in each class is shown in the picture graphs below.



- a. How many fewer boys are on the trip than girls?

$$\text{Boys: } 13 + 14 = 27$$

$$\text{Girls: } 17 + 15 = 32$$

$$\begin{array}{r} 32 \\ -27 \\ \hline 5 \end{array}$$

There are 5 fewer boys.

- b. It costs \$2 for each student to attend the field trip. How much money will it cost for all students to attend?

$$27 + 32 = 59 \text{ students}$$

$$59 \times 2 = 118$$

It will cost \$118 for all the students to attend.

- c. The cafeteria in the planetarium has 9 tables with 8 seats at each table. Counting students and teachers, how many empty seats will there be when the 2 classes eat lunch?

$$9 \times 8 = 72 \text{ seats}$$

$$59 \text{ students} + 2 \text{ adults} = 61 \text{ people}$$

$$\begin{array}{r} 72 \\ -61 \\ \hline 11 \end{array}$$

there will be 11 empty seats.