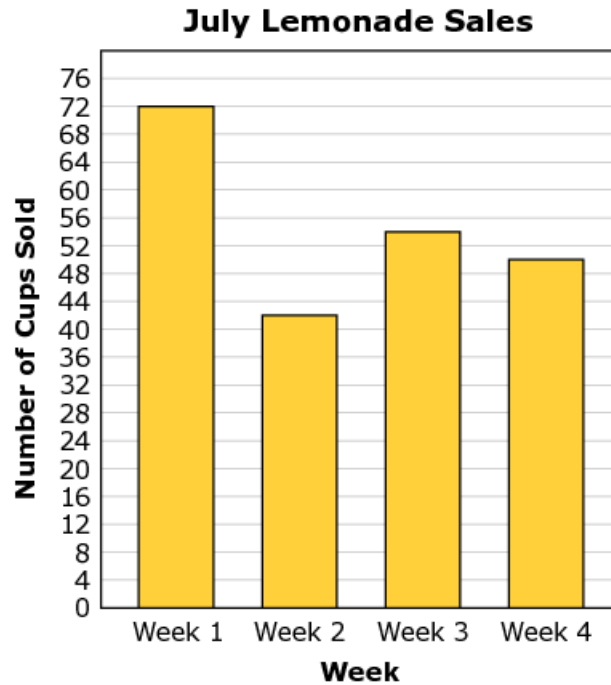


Jaleen has a lemonade stand. The bar graph below shows the number of lemonade cups sold in each of four weeks in July.



Use the **July Lemonade Sales** bar graph to complete this task.

1578

Use the **August Lemonade Sales** from Item 3 to complete this task.

Create a picture graph that shows the number of cups of lemonade Jaleen sold each week in August.

In the graph you may use whole and half pictures for each cup.

- First click on the key to show the scale that you will use for your graph.
- Then click on the cups to create the graph.

A. Select the key you will use.



= 4 cups



































= 10 cups



= 20 cups

B. New picture graph

August Lemonade Sales

Week	Lemonade
Week 1	       
Week 2	       
Week 3	       
Week 4	       

Speeding Tickets

New York state wants to change its system for assigning speeding fines to drivers. The current system allows a judge to assign a fine that is within the ranges shown in Table 1.

Table 1. New York Speeding Fines

Miles per Hour over Speed Limit	Minimum Fine	Maximum Fine
1 – 10	\$45	\$150
11 – 30	\$90	\$300
31 or more	\$180	\$600

Some people have complained that the New York speeding fine system is not fair. The New Drivers Association (NDA) is recommending a new speeding fine system. The NDA is studying the Massachusetts system because of claims that it is fairer than the New York system.

Table 2. Massachusetts Speeding Fines

Miles per Hour over Speed Limit	Fine
1 – 10	\$100 flat charge
11 or more	\$100 flat charge plus \$10 for each additional mph above the first 10 mph

In this task, you will:

- analyze the speeding fine systems for both New York and Massachusetts.
- use data to propose a fairer speeding fine system for New York state.

1437

Part C

Create an equation to calculate the Massachusetts speeding fine, f , based on the number of miles per hour, m , over the speed limit when $m > 10$.

3246

Part of a multiplication table is shown.

What two numbers correctly complete the pattern in the table? Enter your answers in the table.

12	15	18	21
16	—	24	28
20	—	30	35
24	30	36	42