

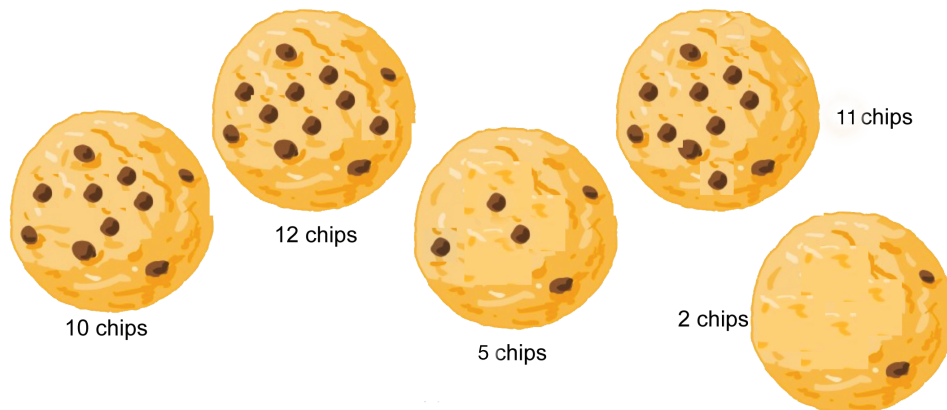
Cookie Factory

1. At the Yum Yum Cookie Factory, a worker finds the mass of 4 cookies. The masses of the cookies are 11 grams, 6 grams, 11 grams, and 9 grams.

A. Find the median mass of the cookies. Show how you found the median.

B. Find the mean using connecting cubes or tiles. Show how you evened out the cubes or tiles in the space below.

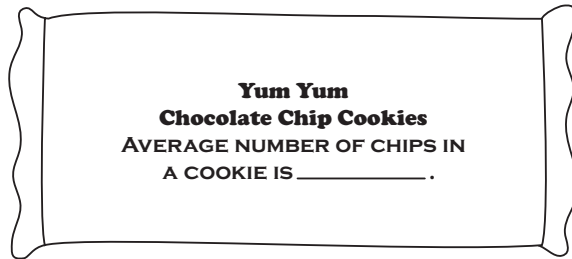
2. A worker at the Yum Yum Cookie Factory inspected 5 chocolate chip cookies and found the number of chips shown below on each cookie.



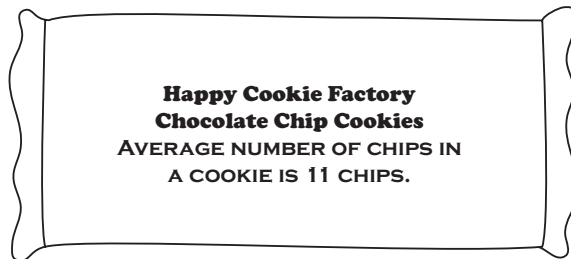
A. Find the median number of chips.

B. Find the mean number of chips.

3. Write the median or mean in the blank on the package. Choose the average that gives the customer the best information about how many chips to expect in each cookie.



4. Jessie inspected 5 chocolate chip cookies from a different factory, the Happy Cookie Factory. She found a mean of 11 chips.



Jessie bought one bag of cookies from the Yum Yum Factory and another from the Happy Cookie Factory. If both bags have the same number of cookies, predict which bag will have more total chocolate chips. Explain how you made your prediction.

Cookie Factory Feedback Box

	Expectation	Check In	Comments
Find the median of a data set. [Q# 1A, 2A]	E5		
Find the mean of a data set using manipulatives and numerical procedures. [Q# 1B, 2B]	E6		
Make predictions and generalizations using medians and means. [Q# 3, 4]	E8		