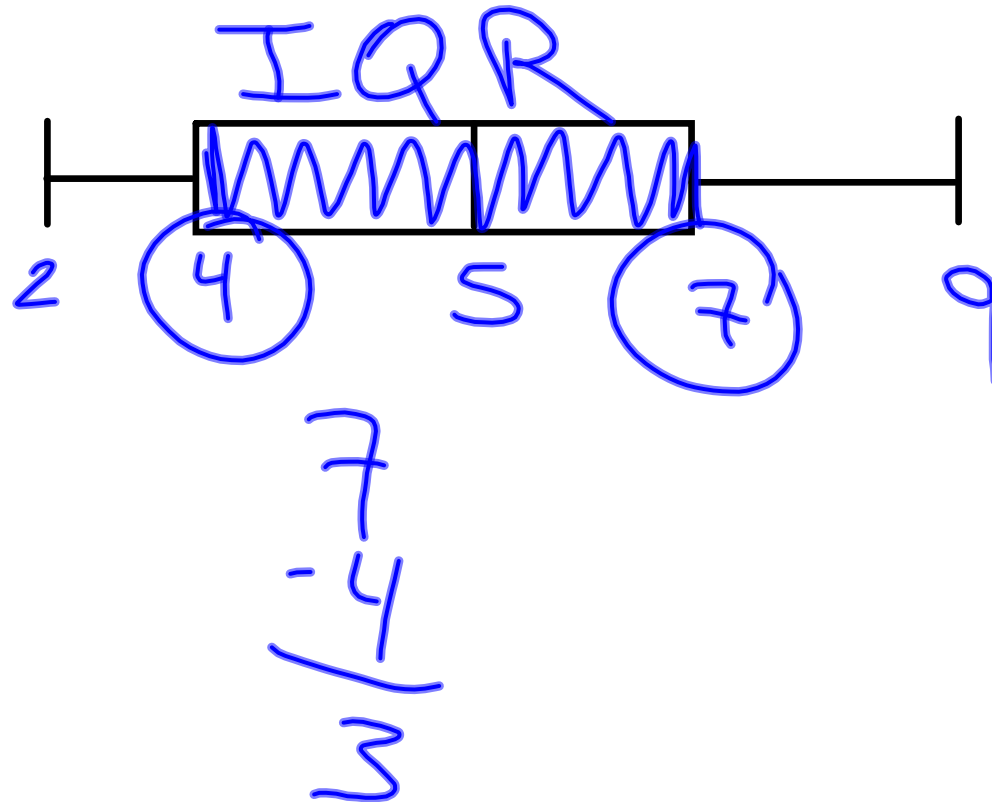


TODAY'S AGENDA: December 1

- Work on Khan Academy Mission:
 - > Data Distributions
- Today's Objective: **Small-Group Lesson**
 - > Students will be able to determine and understand the Interquartile Range IQR
- Today's Standard:
 - > Summarize, represent and interpret data on a single count or measurement variable.

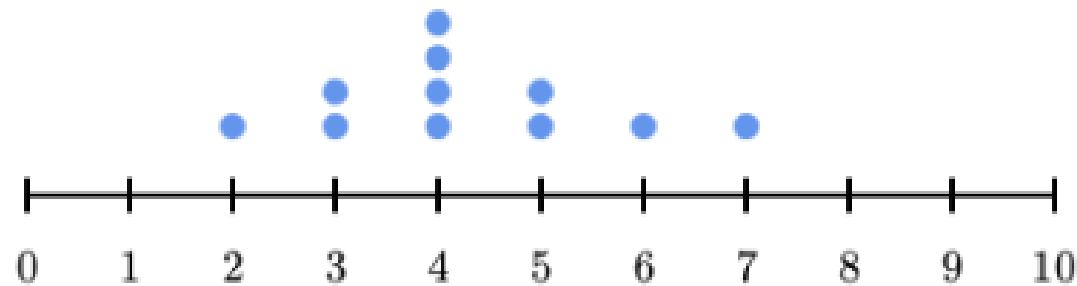
Interquartile Range



Find the interquartile range (IQR) of the data in the dot plot below.

chocolate chips

Chocolate chips in different cookies in a package



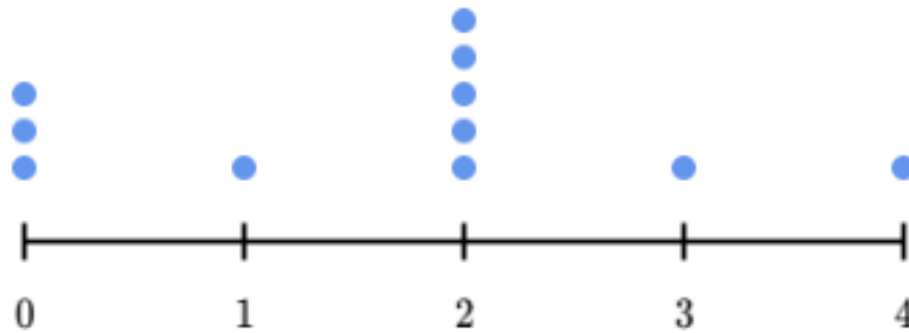
2 3 3 4 4 4 4 5 5 6 7

$5 - 3 = 2$

Find the interquartile range (IQR) of the data in the dot plot below.

2 jokers

Jokers in each of Marcie's decks of cards



0 0 0 1 2 2 2 2 2 3 4

2 - 0 = 2

The following data points represent the number of hours each of the staff members at Daniel's Department Store slept Thanksgiving night.

Sort the data from least to greatest.



Find the interquartile range (IQR) of the data set.

hours

$$\begin{array}{r} 7.9 \\ 4.9 \\ \hline 3.0 \end{array}$$

