

Choosing the best answer to a statistical question

Connect

Important new (but not really new) vocabulary

measure of central tendency

mean
median
mode

measure of variation

range
80 - 90
10 pt range

← vary
differ

I do

Travis has taken five math tests so far this year. Here are his scores:

30, 90, 90, 90, 100

Which measure of central tendency or variation best describes Travis' scores?

I do

Stephanie wants to know how long most books are that 5th graders read. She asks eight students how long the book they are currently reading is. Here are the answers:

196, 253, 260, 317, 401, 409, 551, 710

Which measure of central tendency or variation best describes the data set?

We do

Stephanie wonders how tall the players on the Atlanta Hawks basketball team are. She looks up their heights (in inches):

73, 75, 75, 76, 77, 77, 77, 80, 81, 82, 82, 83, 83, 84

Which measure of central tendency or variation best describes the data?

We do

Kyrie wants to know how fast his heart usually beats. He counts the number of beats in one minute five times during the day:

51, 54, 55, 62, 161

Which measure of central tendency or variation best describes the data?

**You do together
on whiteboard**

Ricky wonders how much money 5th graders usually bring to school. She asks the kids at her table how much money they have:

0, 0, 0, 0, 1, 2, 40.

Which measure of central tendency or variation best describes the data Ricky collected?

**You do alone on
index card**

Coach G is going to a Justin Bieber concert next week, and he wonders how long the show will last. He looks up the length of Justin's last five concerts (in minutes):

84, 91, 96, 102, 114

What measure of central tendency or variation best describes the data?