

Three ways to answer statistical questions - mean, median, and mode

## **Connect**

### Statistical vs non-statistical questions

How tall is Dr Doblar?

How tall are 5th graders?

I do

Timmons	Alice	F	Secretary	\$22,500.00
Williams	Carol	F	Sales Rep	\$22,900.00
Williams	Jessica	F	Sales Rep	\$22,500.00
Savage	John	M	Worker	\$22,000.00
Albright	Jackeline	F	Secretary	\$27,000.00
Crosby	Julian	M	Manager	\$27,000.00
Jenkins	David	M	Manager	\$27,000.00
Thomas	Rita	F	Manager	\$27,000.00
Crawford	Marck	M	Manager	\$40,500.00
Jenkins	George	M	Manager	\$32,000.00
Perry	Karl	M	Worker	\$37,100.00
Sawyer	John	M	Sales Rep	\$31,500.00

How much money do workers at this company earn each year?

Mean

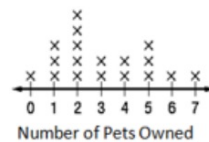
Median

Mode

"half the employees make 27000 or less, half make 27000 or more

## We do

Hiram asked his math class "How many pets do you own?" He graphed the results on the line plot.



How many pets do students in Hiram's class own?

Mean

Median

Mode

more have 2 pets than  
any other number  
half the class has fewer than 2.5 pets, half has  
more than 2.5 pets

**You do together  
on whiteboard**

Cindy was using her cell phone app to record the wait time for various rides at an amusement park. Below are the times that she recorded in minutes.

20, 34, 40, 41, 50, 50, 53, 56, 57, 58, 64, 70

How long are the lines for rides at this park?

**You do alone on  
index card**

Tierney raises ponies. The heights, in centimeters, of Tierney's ponies are listed below.

**90, 98, 96, 95, 95, 97, 96, 99, 91, 93, 98, 96,  
97, 95, 96**

How tall are Tierney's ponies?

No mode

85 87 96 98 99 87 96



2 modes  
87  
and  
96