

MEAN, MEDIAN, MODE, & RANGE with LEGOS

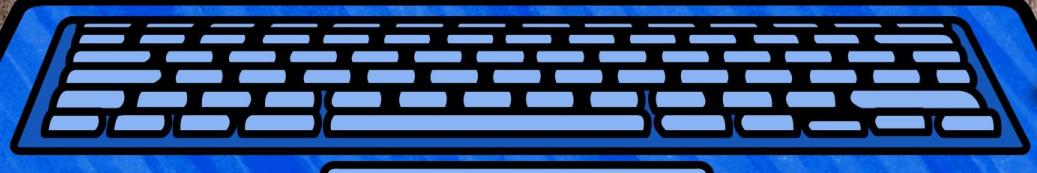
**MEAN, MEDIAN,
MODE, & RANGE** with **LEGOS**

Goal: We are going to be using Legos by counting the number of studs on each Lego and organizing them from least to greatest. We will use this data to calculate the mean, median, mode, and range.

Watch the video below then answer the questions:

**MEAN, MEDIAN, MODE,
& RANGE** with **LEGOS**

1.) How do you determine the mean?
_____ ?
2.) How do you determine the median?
_____ ?
3.) How do you determine the mode?
_____ ?
4.) How do you determine the range?
_____ ?



Answer the following questions:

Directions: Organize the Legos from least to greatest according to the number of studs on each Lego. Find the mean, median, mode, and range. Round decimals to nearest tenths.

You should have 11 Legos. If you are missing any, copy the Lego(s) from the last page and paste onto this page.

Drag the Legos Below →

4a.) Organize from least to greatest:

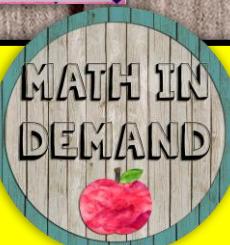
4b.) Calculate the mean: $\text{Mean} = \frac{\text{?}}{\text{?}} \approx \text{?}$ Use this "x" by placing on the organized Legos until you get to the middle. → X

4c.) Determine the median by dragging the "x's" on the outside Legos until you get to the middle: The median is ?.

4d.) Determine the mode: The mode is ? because ?

4e.) Determine the range: The range is ? because ?

NO PAPER!



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THANK YOU!

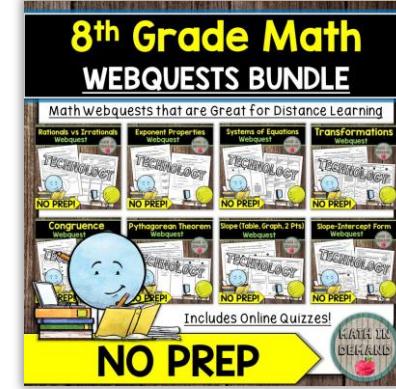
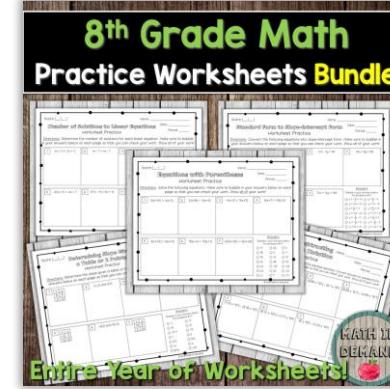
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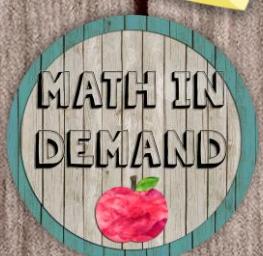
Again, thank you so much for your download. You can place the following link in your Google Classroom. Students will be forced to make a copy.

<https://docs.google.com/presentation/d/1WkxPMXr9vnzQOg1MXSDyxCUUpH0TBw75sDTOxw395fQ/copy>



Questions? Please contact me at
mathindemand@hotmail.com.

Thanks so much!!!



MEAN, MEDIAN, MODE, & RANGE

with

LEGOS

Goal: We are going to be using Legos by counting the number of studs on each Lego and organizing them from least to greatest. We will use this data to calculate the mean, median, mode, and range.

Watch the video below then answer the questions:



1.) How do you determine the mean?

The mean is the average. You take all the studs
and divide by the number of Legos

2.) How do you determine the median?

The median is the middle value. You remove
outside values until you get to the middle

3.) How do you determine the mode?

The mode is the number that occurs the most

4.) How do you determine the range?

The range is the difference from the largest
and smallest value

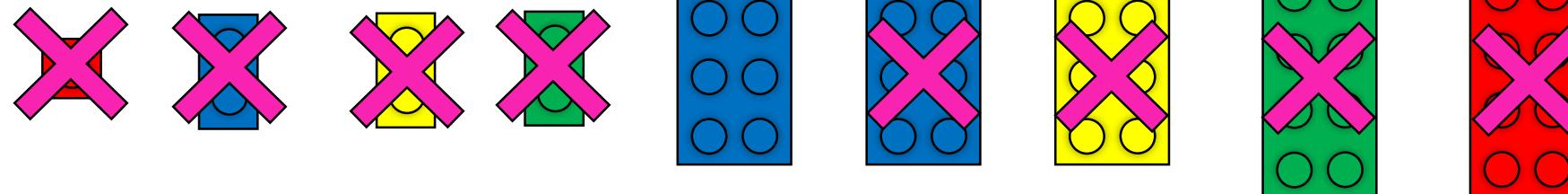
Answer the following questions:

Directions: Organize the Legos from least to greatest according to the number of studs on each Lego. Find the mean, median, mode, and range. Round decimals to nearest tenths.

You should have 9 Legos. If you are missing any, copy the Lego(s) from the last page and paste onto this page.

Drag the Legos Below
→

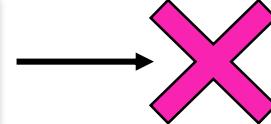
1a.) Organize from least to greatest:



1b.) Calculate the mean:

$$\text{Mean} = \frac{41}{9} \approx 4.6$$

Use this "x" by placing on the organized Lego's until you get to the middle.



1c.) Determine the median by dragging the "x's" on the outside Legos until you get to the middle: The median is 6.

1d.) Determine the mode: The mode is 2 and 6 because both values occur three times.

1e.) Determine the range: The range is 7 because $8 - 1 = 7$.

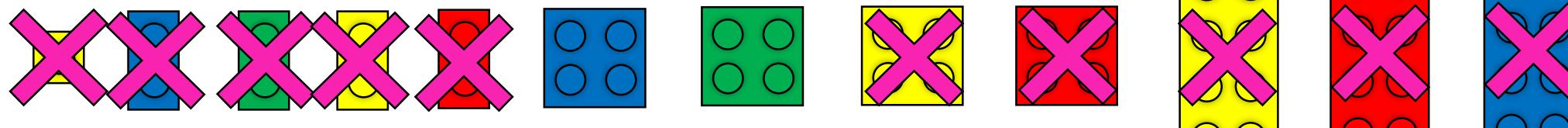
Answer the following questions:

Directions: Organize the Legos from least to greatest according to the number of studs on each Lego. Find the mean, median, mode, and range. Rounds decimals to nearest tenths.

You should have 12 Legos. If you are missing any, copy the Lego(s) from the last page and paste onto this page.

Drag the Legos Below

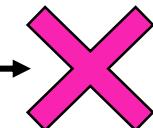
2a.) Organize from least to greatest:



2b.) Calculate the mean:

$$\text{Mean} = \frac{49}{12} \approx 4.1$$

Use this “x” by placing on the organized Lego’s until you get to the middle.



2c.) Determine the median by dragging the “x’s” on the outside Legos until you get to the middle: The median is 4.

2d.) Determine the mode: The mode is 2 and 4 because both values occur four times.

2e.) Determine the range: The range is 7 because $8 - 1 = 7$.

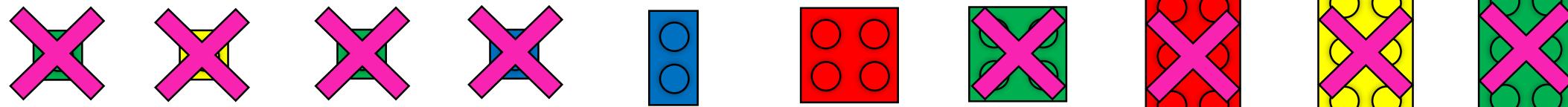
Answer the following questions:

Directions: Organize the Legos from least to greatest according to the number of studs on each Lego. Find the mean, median, mode, and range. Round decimals to nearest tenths.

You should have 10 Legos. If you are missing any, copy the Lego(s) from the last page and paste onto this page.

Drag the Legos Below

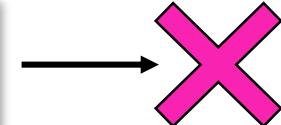
3a.) Organize from least to greatest:



3b.) Calculate the mean:

$$\text{Mean} = \frac{32}{10} = 3.2$$

Use this "x" by placing on the organized Lego's until you get to the middle.



3c.) Determine the median by dragging the "x's" on the outside Legos until you get to the middle: The median is 3.

3d.) Determine the mode: The mode is 1 because this value occurs four times.

3e.) Determine the range: The range is 5 because $6 - 1 = 5$.

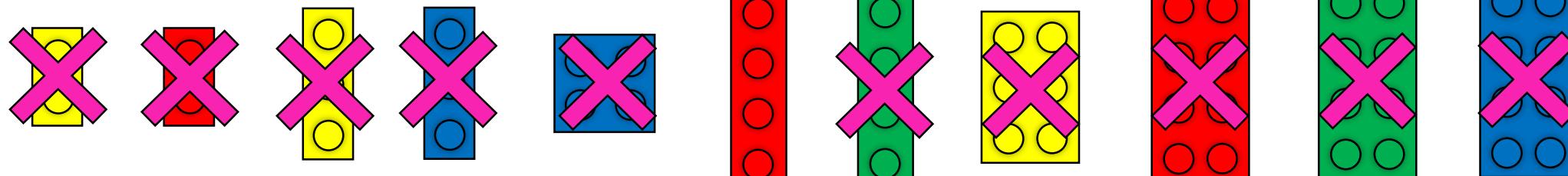
Answer the following questions:

Directions: Organize the Legos from least to greatest according to the number of studs on each Lego. Find the mean, median, mode, and range. Round decimals to nearest tenths.

You should have 11 Legos. If you are missing any, copy the Lego(s) from the last page and paste onto this page.

Drag the Legos Below
→

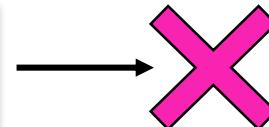
4a.) Organize from least to greatest:



4b.) Calculate the mean:

$$\text{Mean} = \frac{52}{11} \approx 4.7$$

Use this "x" by placing on the organized Lego's until you get to the middle.



4c.) Determine the median by dragging the "x's" on the outside Legos until you get to the middle: The median is 4.

4d.) Determine the mode: The mode is 8 because this value occurs three times.

4e.) Determine the range: The range is 6 because $8 - 2 = 6$.

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