

GOT DATA?

Materials needed:

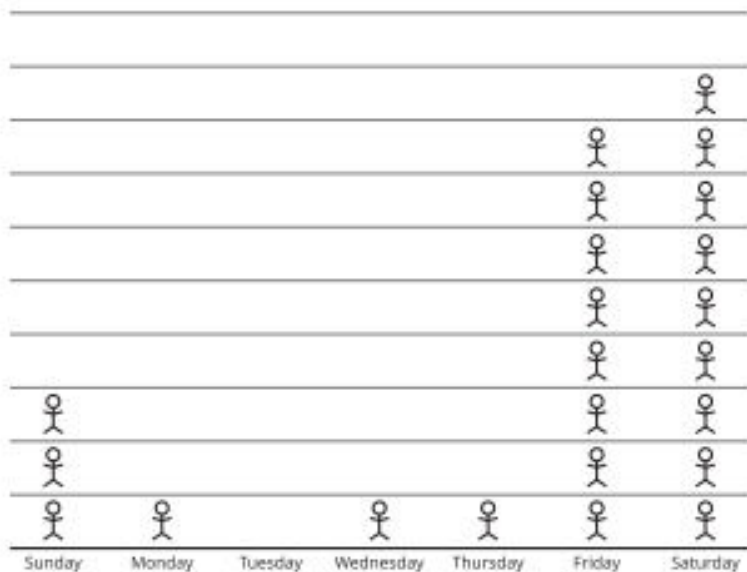
LET'S...

READ AND ASK
QUESTIONS
ABOUT DATA

WARM-UP: GRAPHS

What do you notice?

What do you wonder?

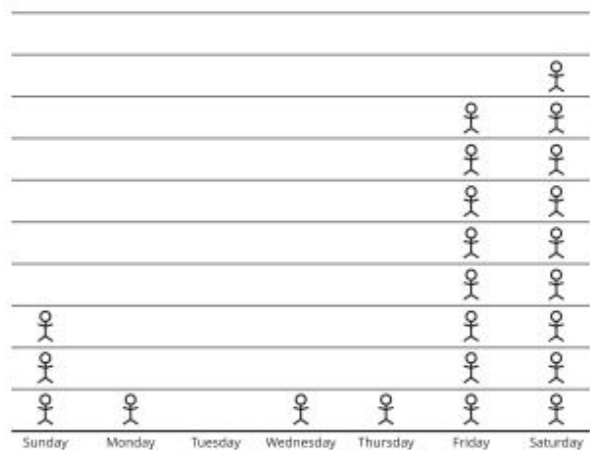


Quite think time

1:00

WARM-UP SYNTHESIS

“What situations could the graph represent?”



MATH COMMUNITY SYNTHESIS

- What does it look and sound like to do math together as a math community?
- What am I doing? What are you doing?

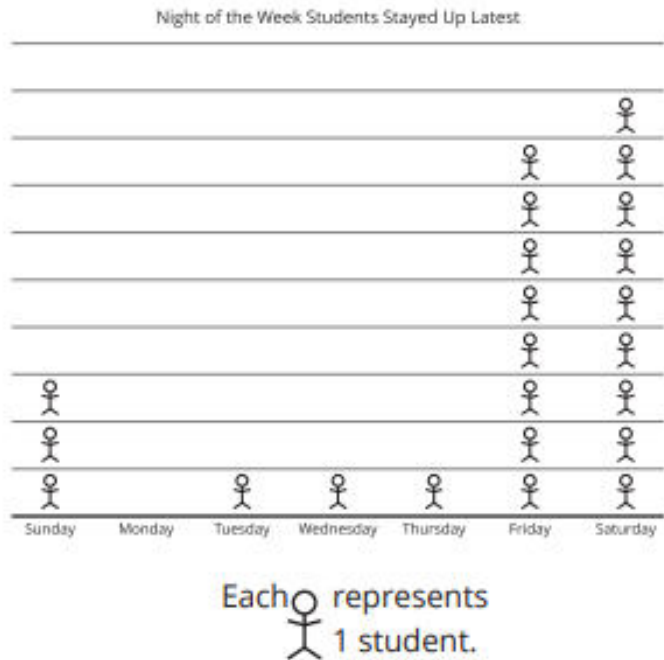
<i>Mathematical Community</i>	
<i>Doing Math</i>	<i>Norms</i>
Students	Students
Teacher	Teacher

ACTIVITY 1: PICTURE TIME

“How much do you sleep each night?”

“Do you go to bed at the same time every day?”

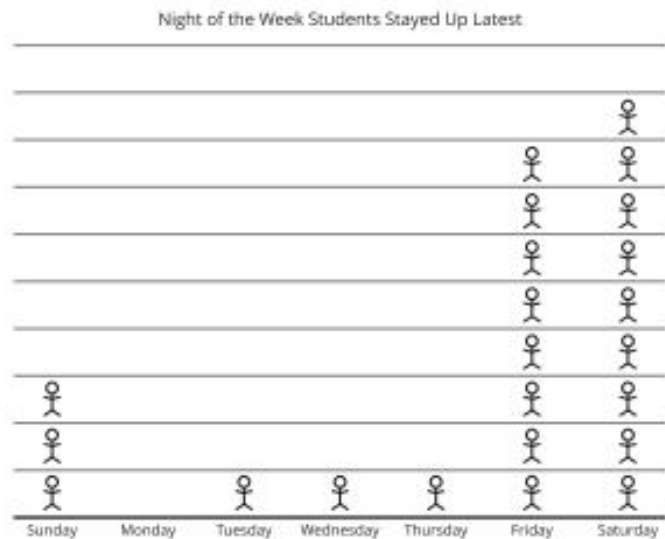
ACTIVITY 1: PICTURE TIME




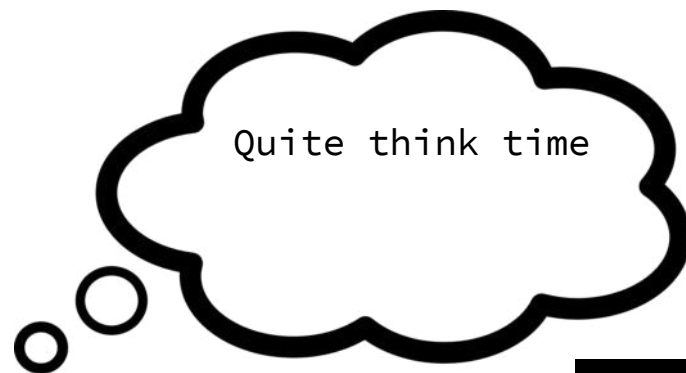
This is a picture graph that represents the night of the week that students stay up latest.

- In a picture graph, an image represents a certain number of people or things.
- Picture graphs have keys that tell what each image represents.”

Look at the picture graph and the questions

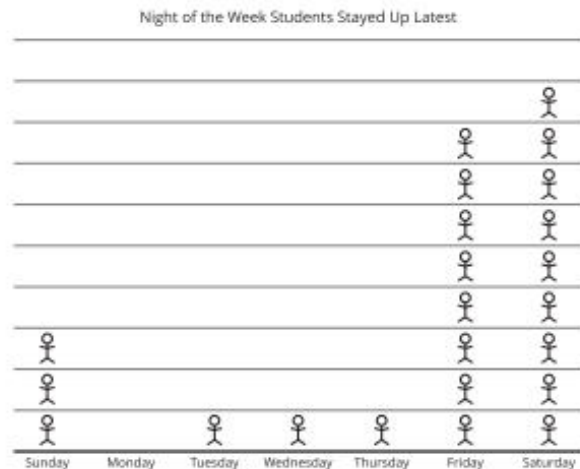


Each  represents
1 student.



Now work on the questions with
your partner.

ACTIVITY SYNTHESIS



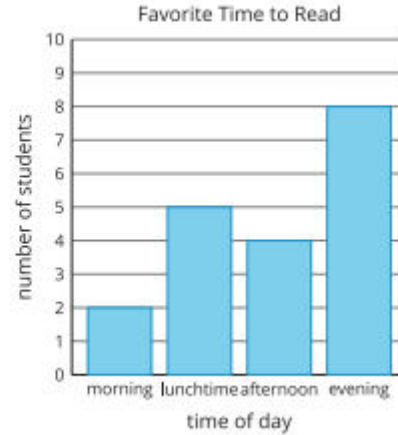
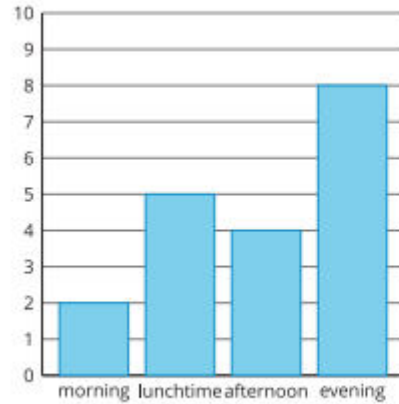
Each  represents
1 student.

What can we learn about the night students stay up latest based on the completed graph?

What questions could you ask about what night students stay up latest based on the graph?



ACTIVITY 2: BAR GRAPHS

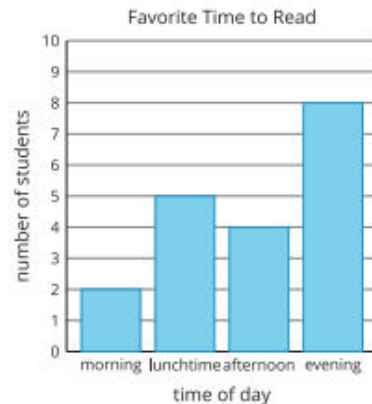
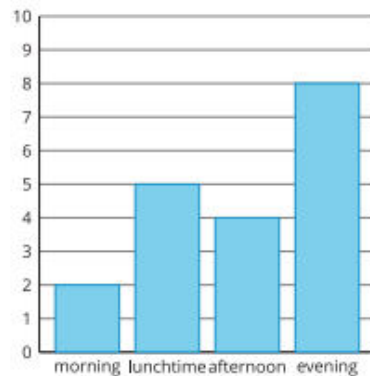
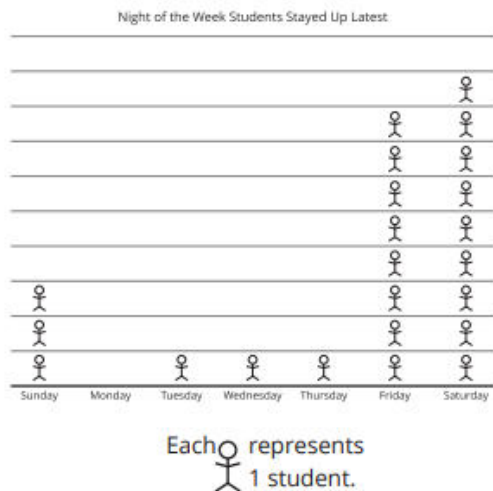


These are bar graphs. In bar graphs, each bar represents a certain number of people or things.

- Take a minute to think about what you notice about the bar graphs.

5:00

LESSON SYNTHESIS



What did we learn about picture graphs and bar graphs today?”

What parts of graphs help us communicate the data in the graph with others?

How are picture graphs and bar graphs the same? How are they different?