# Create a Picture Graph (with your own data)

What do your classmates do when they aren't at school? Find out how much time your classmates spend doing different out of school activities each week. Using the data that you collect, decide on the scale and create images/symbols for each category on the picture graph. Then make sure that your graph has all five parts. Hint: Symbols all have to be the same size.
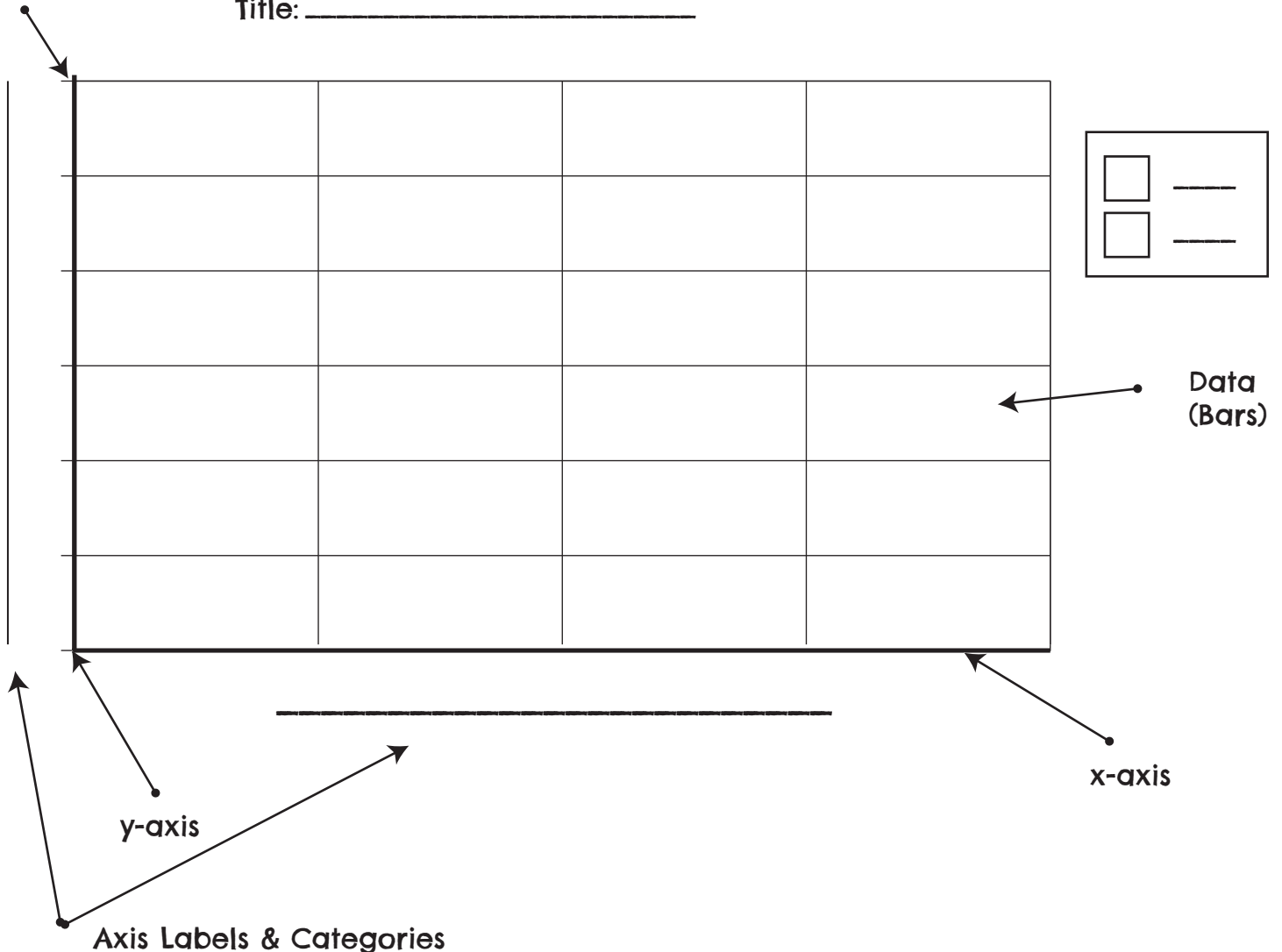
**Pre-Graph Predictions**

**I predict that the most popular activity will be...** _____

**What is something you are curious about related to this survey question?**

_____

scale
(Intervals on the y axis)

Title: _____

Data
(Bars)

y-axis

x-axis

Axis Labels & Categories

# Create a Picture Graph (with your own data)

_____
Title

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|---|---|---|---|---|
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___   ___   ___   ___   ___

### HOURS OF TV WATCHED IN ONE WEEK

**Boys**

| Name | # of Hours |
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**Girls**

| Name | # of Hours |
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# Create a Picture Graph (with your own data)

How does the data match with your prediction?

_____

_____

What surprised you about your data?

_____

_____

What is something interesting you learned about your classmates that you didn't know before?

_____

Write a conclusive statement about students' activities that can be supported by this data:

_____

_____

_____

Make a hypothesis about why the above statement is true.

_____

_____

_____

If you were to conduct a follow-up study to find out if your hypothesis was true, what question would you want to ask?

_____

_____

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_____

_____