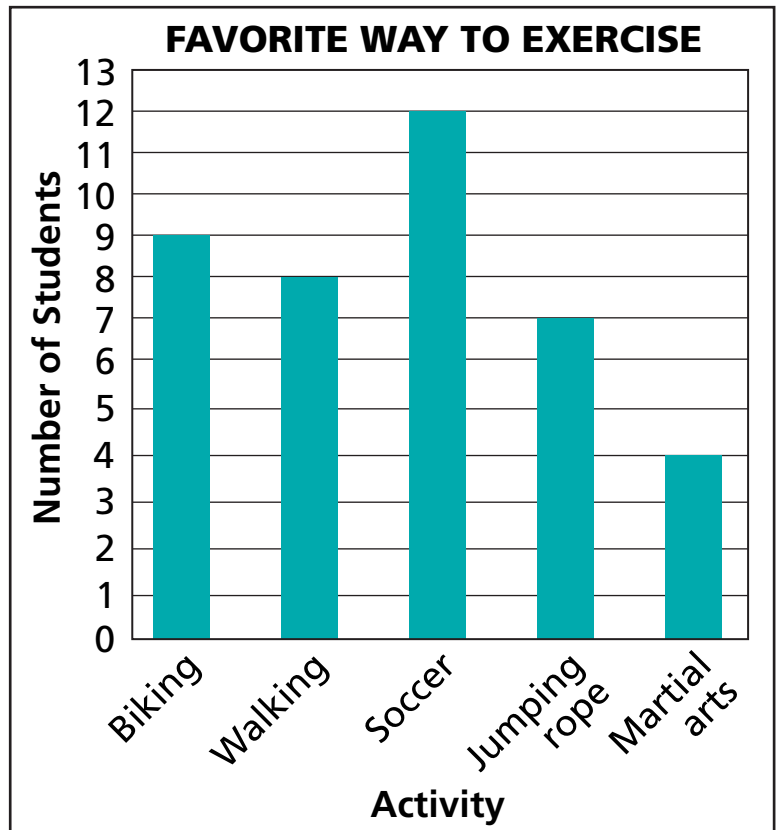


# Introducing Bar Graphs

NCTM Standards 5, 6, 7, 8, 9, 10

**40 third graders answered a survey about their favorite way to exercise. The bar graph shows the data.**



**1** How many students chose walking?

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**2** How many students chose jumping rope?

\_\_\_\_\_

**3** How many more students chose soccer than chose biking?

\_\_\_\_\_



**4** What can you say for sure about the exercise preferences of the students in the survey?

\_\_\_\_\_

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**5** Can you say anything for sure about the number of students who exercise at least 30 minutes a day? Explain.

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\_\_\_\_\_

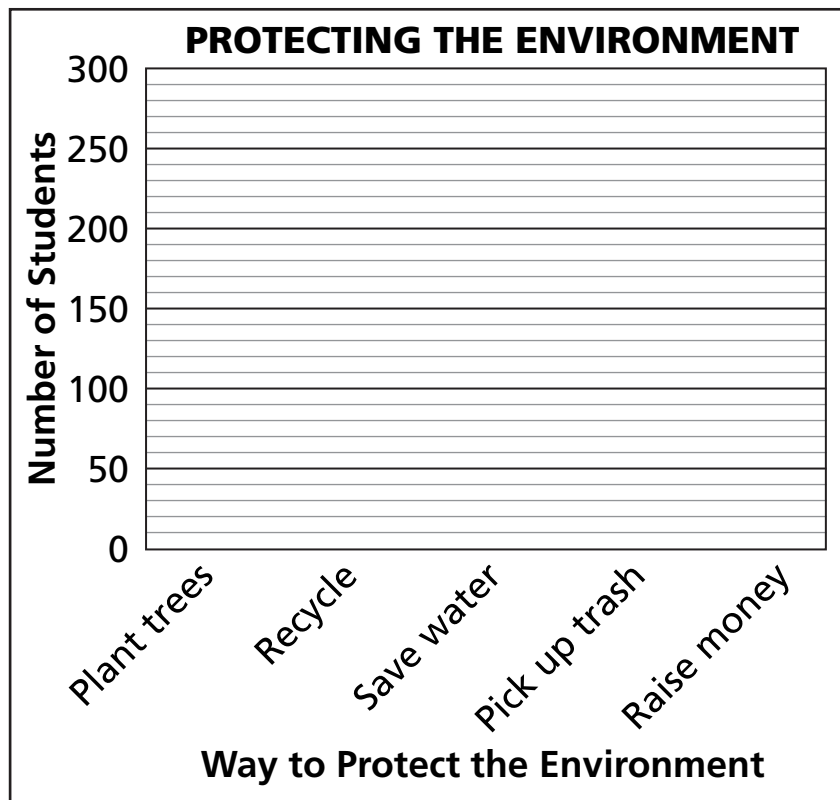
- 6 600 students were asked to choose one way they would like to help protect the environment. Use the information below to complete the bar graph.

280 students want to recycle.

Half as many students chose to save water as chose to recycle.

One tenth of the students want to raise money to protect the rain forest.

55 students want to plant trees.



7 **Challenge** What are three questions you can answer from the bar graph?

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