

**Data Analysis and Probability**

For 1–4, use the bar graph. The graph shows how students answered the question “How many phone calls do you make in a typical day?”

- 1 What was the mode number of calls?

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- 2 What was the median number of calls?

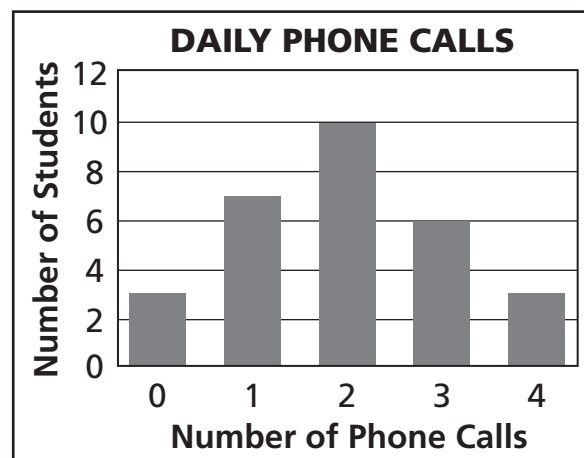
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- 3 What was the range of the number of calls?

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- 4 A student who was absent came back the next day and said she makes 50 calls per day. Which measure or measures above would change?

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**Problem Solving**

Use a strategy and solve.

- 5 Students in a class took turns estimating 60 seconds. Their estimates in seconds are shown below.

50, 53, 71, 53, 71, 61, 59, 49, 63, 75, 64, 60, 53, 81, 80, 44, 57, 75, 67

What was the mode estimate of 60 seconds?

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- 6 A pizza costs \$11.50. Each topping you add costs another \$1.50. If you buy one pizza with mushrooms and sausage and another with mushrooms, onions, olives, and pepperoni, how much will you pay?

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