

Homework & Practice 6-4

Continue to Interpret Data

Another Look! You can use a picture graph to solve problems.

Adam asks 13 friends whether they like butter or jelly on their toast.

How many students' responses does he have left to record?

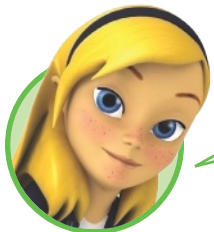
How Do You Like Your Toast?							
Butter							
Jelly							

There are 8 pictures on the graph. If I start at 8, I need to count up 5 more to get to 13.



HOME ACTIVITY Create a tally chart to record data about some items in your home. Ask your child to make a picture graph to represent the data in your scenario. Ask your child, "Which category has the most responses? How many in all?" Then ask your child to come up with a different scenario for recording data.

$13 - 8 = \underline{5}$ responses



Fill in the missing tally marks. Then use the chart to solve the problem.

- I. Maggie asks 12 members of her family for their favorite kind of cereal. 4 people say they like Corny Cones. The rest say they like Great Granola.

How many people said they liked Great Granola?

_____ people

Corny Cones	Great Granola

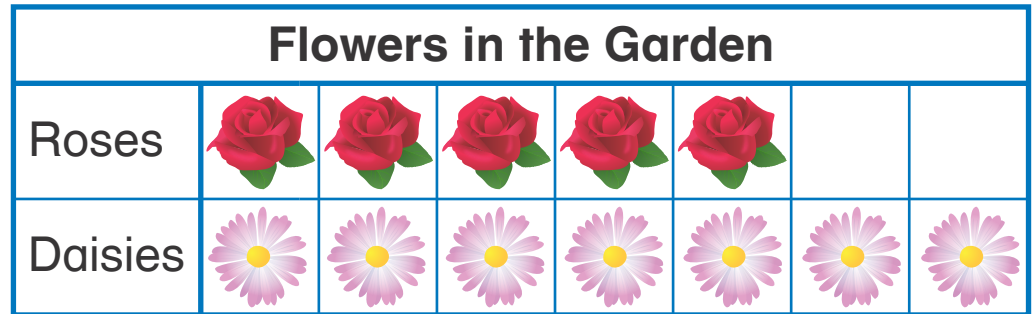
Use the data to solve the problems.

2. Lindsay asks her friends whether they like Recess or Gym more.

How many friends took the survey? _____ friends



3. **Higher Order Thinking** Write a problem that can be solved using this picture graph.



4. **Assessment** Miguel asks 16 friends to come to his birthday party. He makes a graph to show who is coming and who is not.

How many of Miguel's friends have not responded yet? Write an equation to solve.

___ ○ ___ ○ ___ friends

