

Explain that now the class is going to compare their heights as a group.

You will need to help the students by grouping their heights into the following ranges:

- < 40 inches
- 40 to 42 inches
- 43 to 45 inches
- > 45 inches

Draw an x- and y-axis on the board. Mark the ranges of student heights on the x-axis. Mark the numbers 0 through 6 on the y-axis. (Note: If necessary, you may need to add to the range of the y-axis).

Have the students come up one at a time to the board with the sticky notes they created in activity 3. Help them to place their note in the correct location on the graph. Discuss the results of the graph as a representation of their heights.

Help students to create their own version of this graph on page 8 of their **Math Clue Books**.

They can mark the range of student heights on the x-axis. (Note: When creating the graph, have them represent a detective by drawing a stick figure. For example, if 3 of the detectives are 42 inches tall, they would draw three stick figures).

MATERIALS:

- *Math Clue Books
- *Sidewalk chalk

