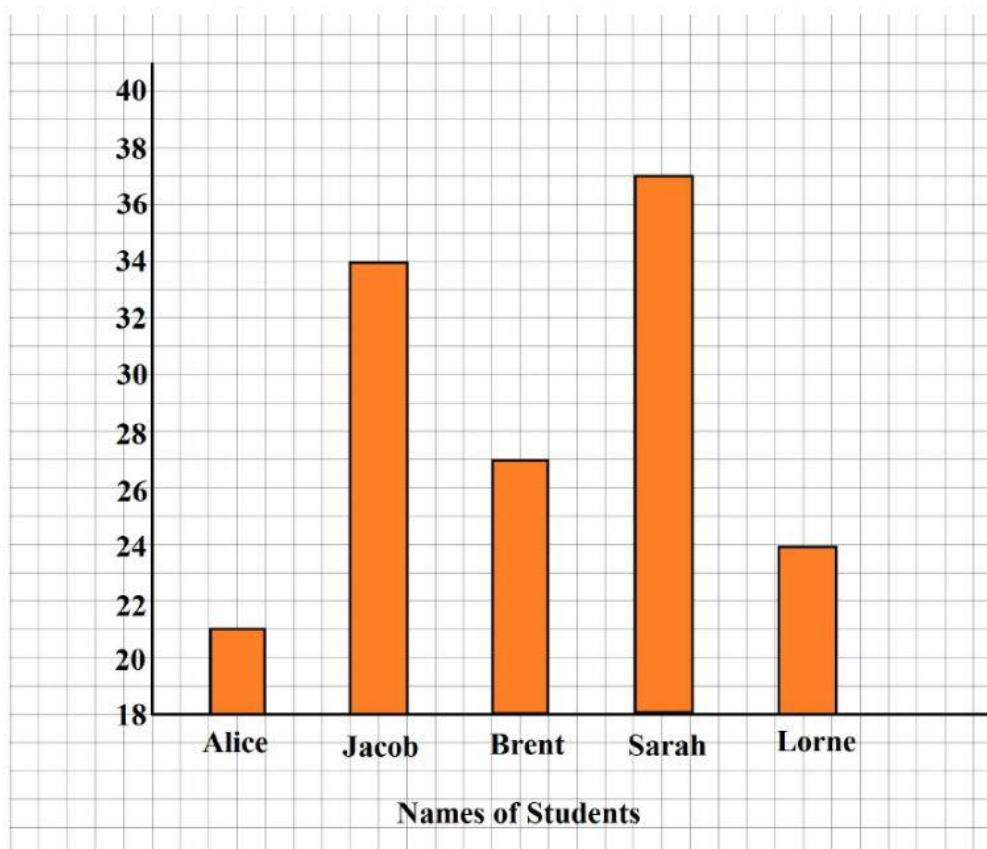


### ASSIGNMENT: B.M.I. (Using Bar Graphs)

1. The table below shows the names of students in Mr. Tyler's class. Use the bar chart below to fill in the missing B.M.I. values for each student on the table. Type your answer in the box space.

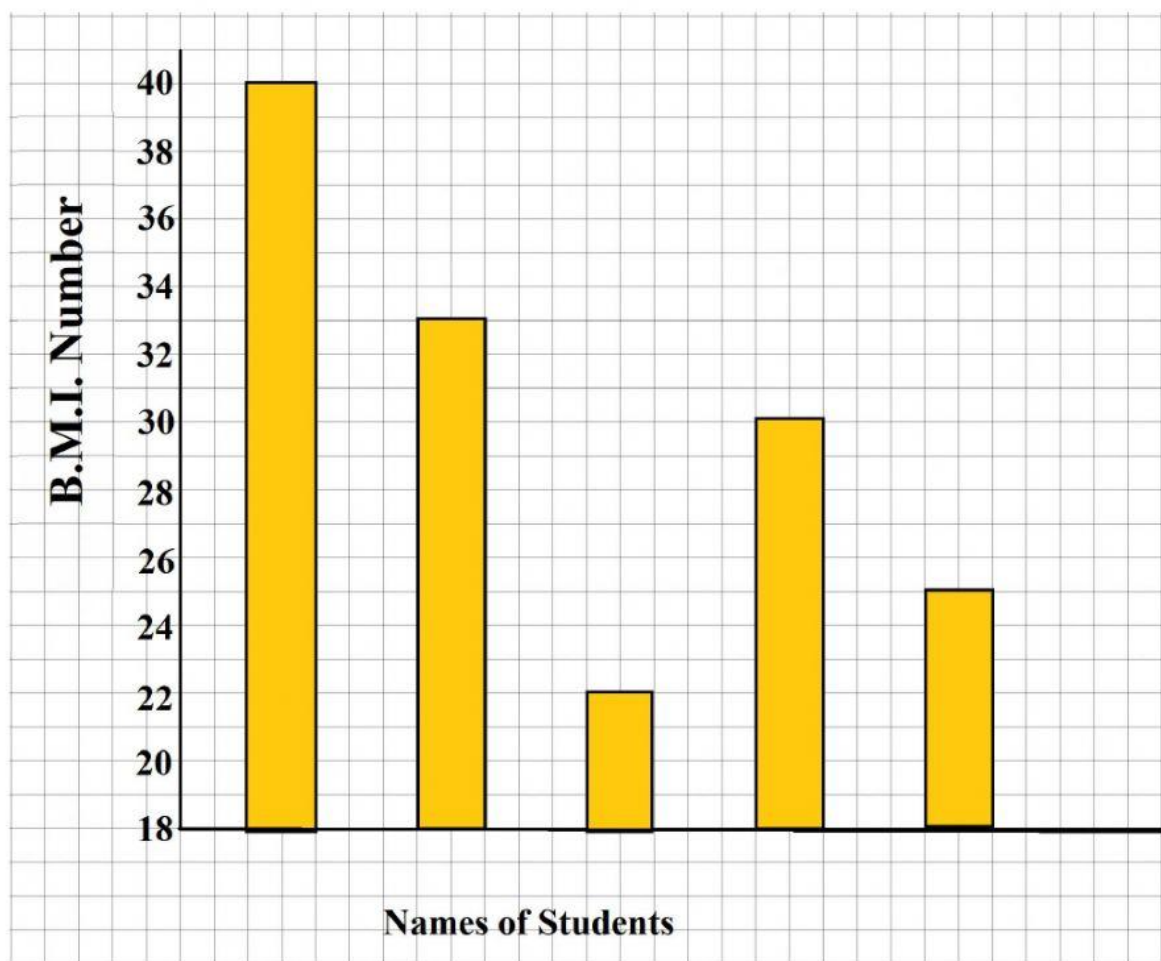
| Name of Student | B.M.I. |
|-----------------|--------|
| Alice           |        |
| Jacob           |        |
| Brent           |        |
| Sarah           |        |
| Lorne           |        |



2. The Y-axis is unlabeled. What should the label on the Y-axis be? [1]
- 
3. Suggest a title for the bar graph shown. [1]
- 
4. From the bar chart and table, write the name/names of the student/students that match the following:
- a. Is normal weight according to their B.M.I. \_\_\_\_\_
- b. Is obese according to their B.M.I. \_\_\_\_\_

5. Use the table below to correctly name each of the bars below in the bar graph. Type the student name into the correct box under the bar.

| Student Name | B.M.I. |
|--------------|--------|
| Zoey         | 30     |
| Marcus       | 22     |
| Shawn        | 40     |
| Jesse        | 25     |
| Annie        | 33     |



6. From the bar chart and table above, write the name/names of the student/students who match each description:
- Has the lowest B.M.I. \_\_\_\_\_
  - Has the highest B.M.I. \_\_\_\_\_
  - Is at the greatest risk for developing diseases \_\_\_\_\_
7. What does B.M.I. stand for? \_\_\_\_\_