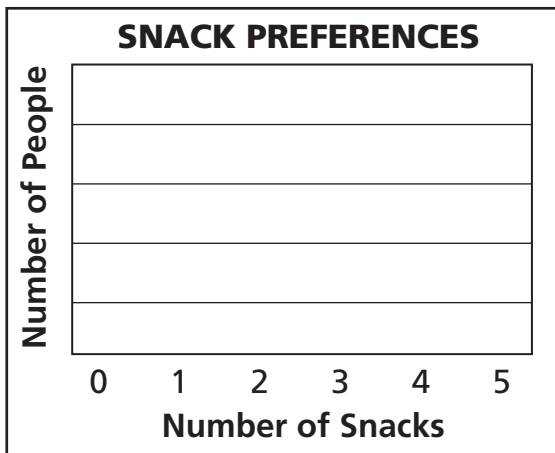


## Data Analysis and Probability

Students in a class collected data on how many snacks people said they had each day. The results of the survey are shown in the table.

- 1 Use the results of the survey to complete the graph.

| Number of Snacks | Number of People |
|------------------|------------------|
| 0                | 4                |
| 1                | 3                |
| 2                | 5                |
| 3                | 4                |
| 4                | 2                |
| 5                | 1                |



- 2 How many students answered the survey? \_\_\_\_\_
- 3 How many more students had 2 snacks a day than had 1 snack a day? \_\_\_\_\_

## Algebra

Complete the tables and shorthand rules.

4

|        |   |    |    |    |   |    |    |   |
|--------|---|----|----|----|---|----|----|---|
| INPUT  | 3 | 4  | 7  | 12 | 9 | 10 | 25 | x |
| OUTPUT | 9 | 12 | 21 |    |   |    |    |   |

5

|        |    |    |    |    |    |    |    |   |
|--------|----|----|----|----|----|----|----|---|
| INPUT  | 12 | 22 | 17 | 10 | 15 |    | 18 | x |
| OUTPUT | 3  | 13 | 8  |    |    | 22 |    |   |

6

|        |   |   |    |   |    |    |   |   |
|--------|---|---|----|---|----|----|---|---|
| INPUT  | 2 | 4 | 5  | 7 |    |    | 3 | x |
| OUTPUT | 5 | 9 | 11 |   | 21 | 19 |   |   |