# Math PradiceShects 

Probability, Data, and Graphs


## Unit 22.1 Data and Graphing Data

## Example

This table shows student's score on a test.

| Student's Score |  |
| :---: | :---: |
| Rosy | 30 |
| Lily | 40 |
| Jack | 25 |
| Gina | 15 |

This bar graph also shows the student's score.

| Student | Score |
| :---: | :---: |
| Rosy |  |
| Lily | ¢! |
|  | 年1正 |
| Jack | \} |
| Gina | III |
|  |  |

Using graph you can easily see that Lily scored the highest and Gina scored the least.

## Exercise

1. Use the table to complete the bar graph.

Then answer the following questions using the bar graph.

| Favorite Pets |  |
| :---: | :---: |
| Cat | 15 |
| Dog | 25 |
| Hare | 30 |
| Pig | 20 |


| Favorite Pets |  |
| :---: | :---: |
| Cat |  |
| Dog | $1+1$ |
| Hare |  |
| Pig |  |
|  | $\begin{array}{lllllllllll}0 & 5 & 10 & 15 & 20 & 25 & 30 & 35 & 40 & 45\end{array}$ |

a) How many children choose dog as their favorite pet?
b) What is the most chosen pet?
c) What is the least chosen pet?

