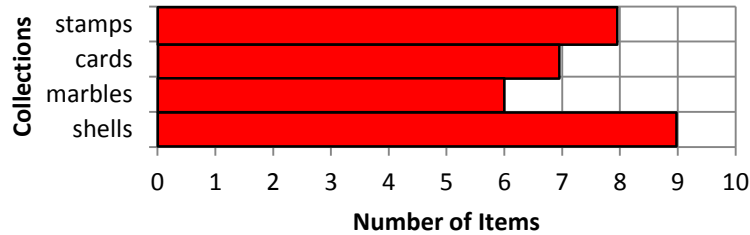


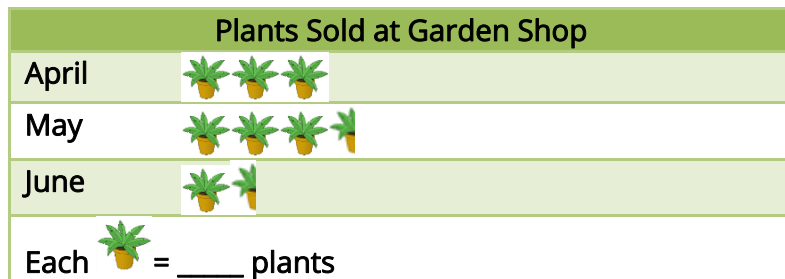
## Possible Solutions

- a) Sarah collected 9 shells, 4 marbles, 7 cards, and 8 stamps.  
 1) Use this information to complete the bar graph.



- 2) How would the graph change if Sarah found 3 more marbles?  
 The bar for the number of marbles would be longer and show 7. There would be the same number of marbles as cards.

- b) The Garden shop sold 30 plants in April, 35 plants in May, and 15 plants in June. Based on the given information, what key would complete this pictograph? Explain your thinking.



Each  = 10 plants

Since there are 30 plants in April and there are 3 plant symbols, I know each symbol is worth 10 plants. May has 3 plant symbols and a half plant symbol, which is a  $30 + 5$  or 35 plants. June has 1 plant symbol and a half plant symbol, which is  $10 + 5$  or 15 plants.