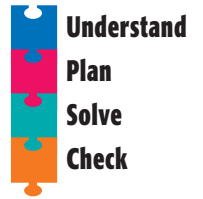


# Problem Solving Strategy

## Make a Graph

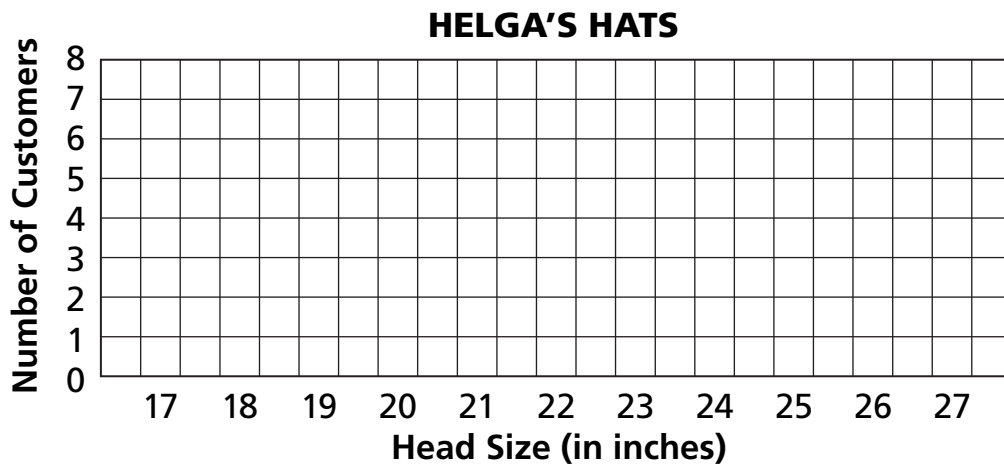
NCTM Standards 1, 2, 6, 7, 8, 9, 10



Solve each problem. Helga's Hat Shop can afford to keep only 3 sizes of hats in stock. Helga measured the heads of 20 customers to get an idea of which sizes are most common.

- 1 Graph the data to find the 3 most common sizes.

18 inches	24 inches	22 inches	25 inches	19 inches
22 inches	20 inches	19 inches	20 inches	19 inches
21 inches	19 inches	21 inches	21 inches	20 inches
21 inches	20 inches	25 inches	21 inches	20 inches



- 2 The 3 most common head sizes are: \_\_\_\_\_ inches  
 \_\_\_\_\_ inches  
 \_\_\_\_\_ inches

- 3 One of the 20 customers wants to buy a hat. What is the probability that one of the 3 sizes you chose will fit the customer? \_\_\_\_\_