

Name _____

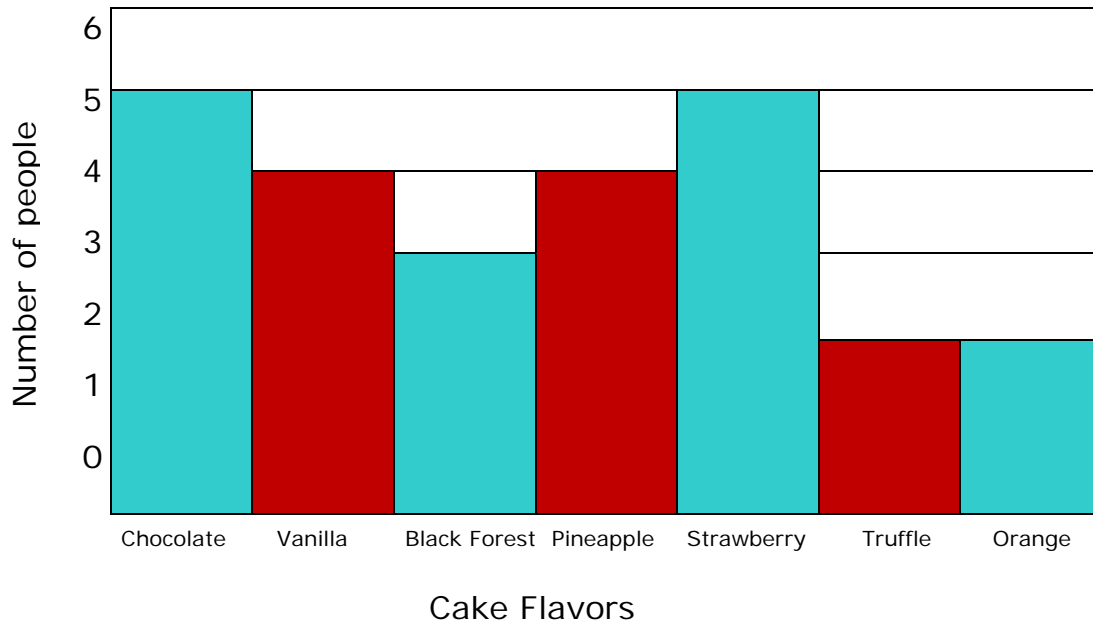
Date _____

Summarizing Numerical Data Sets - Guided Lesson

Complete the following problems:

1) On Christmas, David recorded the number and types of cakes he sold.

Use the data in the histogram to complete the frequency chart below.



Fill the missing number.

Cake chart	
Cake Flavors	Number of people
Chocolate	5
Vanilla	4
Black Forest	3
Pineapple	?
Strawberry	5
Truffle	1
Orange	1

2) A school distributed its school uniforms according to their house number.



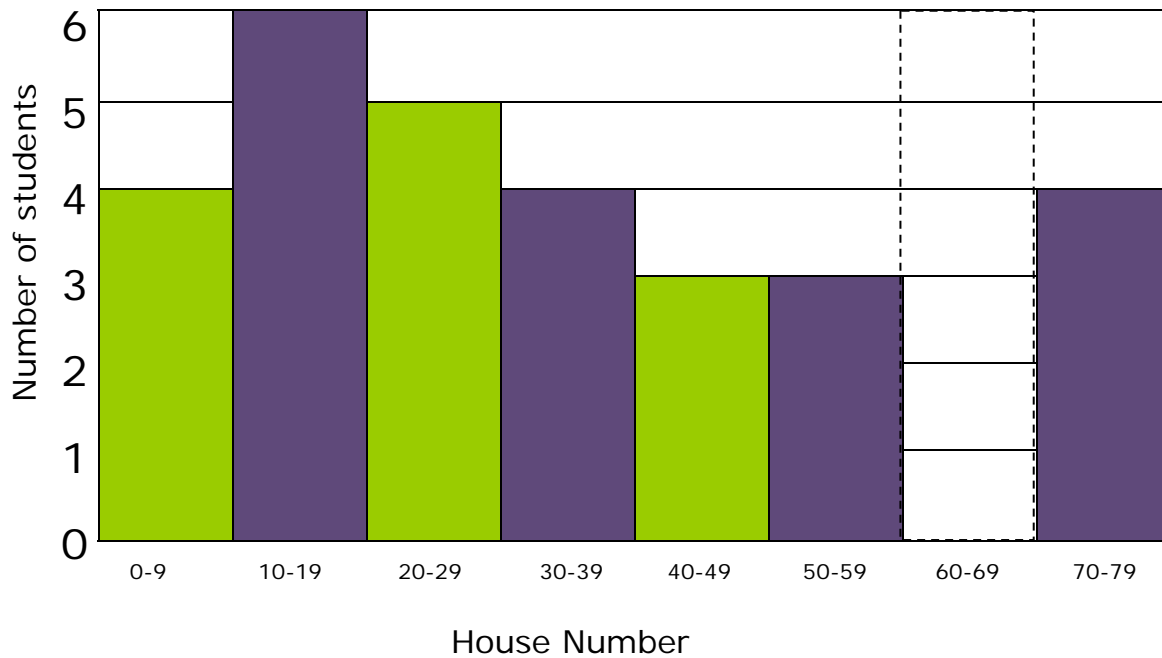
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Use the data to complete the histogram below.

0 5 8 9 12 14 14 15 15 17 20 21 24 26 28 33 35 37
38 42 45 45 50 52 57 64 72 76 77 78

Draw the height of the missing bar (60 - 69) in the graph below.



3) David bought 4 cases of water bottles. The number of bottles in the first 3 cases are shown below:

Case 1: 20

Case 2: 22

Case 3: 18

Case 4: ??

How many bottles should be in case 4, if the average for the four cases is 21 bottles? Explain your reasoning.

