Name: _____ Date: _____

Data Analysis (Pictographs) - **Guided Practice #1**

Elena took a survey to determine the favorite snacks of students in her school. She organized her data using a pictograph.

Favorite Snacks

Snack	Number of Votes
Chips	☺☺☺☺☺☺
Popcorn	☺☺☺☹
Ice-Cream	☺☺☺☺☺☺☺
Fruit	☺☺☺☺☺☹
Candy	☺☺☹

☺ = 2 Students

1 How many people voted for chips or ice-cream as their favorite snack?

A 13

B 24

C 30

D 26

2 What is the difference between the number of students who voted for popcorn and candy as their favorite snack?

A 2

B 12

C 1

D 3

3 Which snack received the greatest number of votes?

A Chips

B Popcorn

C Ice-Cream

D Fruit

4 What is the total number of students who participated in the survey?

A 46

B 50

C 49

D 38

LIVEWORKSHEETS

The pictograph shows the number of donuts a bakery sold in four days.

Donuts Sold

Day	Number of Donuts
Thursday	
Friday	
Saturday	
Sunday	

= 10 Donuts

5 How many more donuts were sold on Sunday than on Thursday?

A 2

B 15

C 20

D 80

6 How many total donuts were sold on Thursday thru Sunday?

A 150

B 120

C 140

D 155

The pictograph shows the number of stickers four students have earned as classroom rewards.

Stickers Earned

Amy	Pedro	Emily	Brian

= 5 stickers

7 How many stickers have Brian and Amy earned combined?

A 40

B 9

C 55

D 45

8 How many more stickers did Amy and Pedro earned combined than Emily?

A 65

B 25

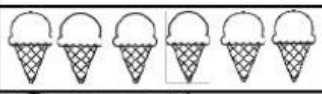
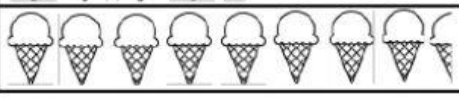
C 15

D 35

LIVEWORKSHEETS

The pictograph shows the number of ice-cream cones a Frozen Treat Shop sold in five days.

Ice-Cream Cones Sold

Day	Number of Ice-Cream Cones
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

= 4 Ice-Cream Cones

9 Which frequency chart represents the data on the pictograph?

A

Day	Frequency
Monday	24
Tuesday	14
Wednesday	36
Thursday	18
Friday	32

C

Day	Frequency
Monday	28
Tuesday	12
Wednesday	40
Thursday	18
Friday	34

B

Day	Frequency
Monday	24
Tuesday	14
Wednesday	40
Thursday	18
Friday	34

D

Day	Frequency
Monday	24
Tuesday	14
Wednesday	42
Thursday	20
Friday	34

LIVEWORKSHEETS