



























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

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

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