

Name: _____

Section: _____

First Grade American Math Homework #29



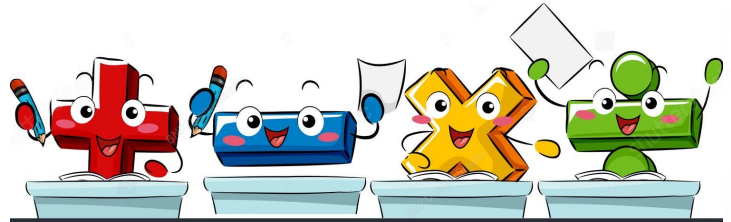
This week in class, we will review **Chapter 17: Graphing**. We will work on graphing and interpreting data with pictographs, tally charts, and bar graphs.

Scholars have access to an **IXL skill plan** for additional practice and reinforcement of the daily lesson. It provides specific lessons divided by chapter that will help scholars prepare for PM3. You can work both in IXL lessons I have assigned, and under the IXL skill plan.

- II.1 - II.4 - II.7 - II.10. - II.13
- II.2 - II.5 - II.8 - II.11 - II.14
- II.3 - II.6 - II.9 - II.12

1. Pictographs
2. Key
3. Tally Charts
4. Tally
5. Symbols
6. Bar Graph
7. Survey

Vocabulary



Notes

Students **MUST** prove and show all their work. If additional space is needed, please feel free to attach lined paper to the homework packet. **Failure to show your work will result in a lower grade.** Please complete the homework to the best of your abilities.

Monday April 13th – Page 559 and 560

Tuesday April 14th – Page 565 and 566

Wednesday April 15th – Page 571 and 572

Thursday April 16th – Page 577 and 578

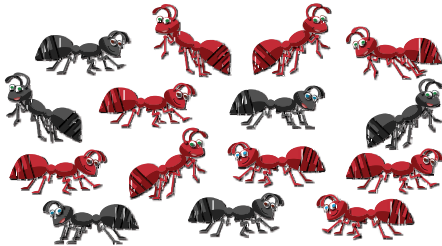
Friday April 17th – Page 581 and 582



Name _____



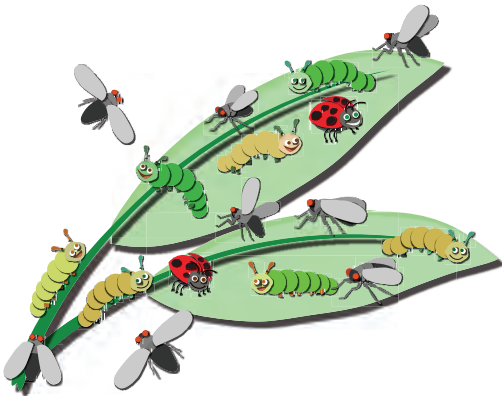
Learning Target: Make a tally chart to organize and understand data.




Example



Ants		
	Red	
	Black	




1. Complete the tally chart.



Insects		
	Caterpillar	
	Fly	
	Ladybug	

2. **Analyze a Problem** Which sentences are correct?

1 MTR

Favorite Type of Movie		
	Superhero	
	Princess	
	Mystery	

9 students chose princess movies.




4 students chose superhero movies.

Princess movies are the most favorite.



3. **Model Real Life** Use the tally chart.

7
MTR

Favorite Breakfast	
 Yogurt	
 Fruit	
 Cereal	

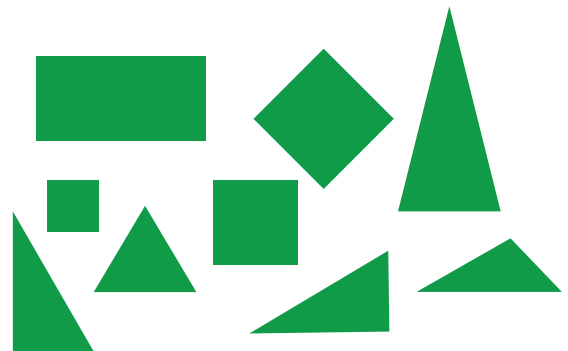
How many students chose fruit? _____ students

How many students chose cereal? _____ students

How many fewer students chose yogurt than fruit? _____ students

4. **DIG DEEPER** Use the tally chart to compare the shapes.

Shapes	
_____ vertices	
_____ vertices	



Review & Refresh

Compare.

5. $45 \bigcirc 55$

6. $74 \bigcirc 47$












7. $22 \bigcirc 22$




Name _____

Learning Target: Understand the data shown by a pictograph.

Example




















Favorite Snack							
 Pretzels							
 Apple							


Each  = 1 student.

Which snack is the most favorite?



1.

Favorite Season								
 Spring								
 Summer								
 Fall								
 Winter								

Each  = 3 students

How many students chose summer? _____ students

How many students chose fall? _____ students

Which season is the least favorite?





2. **Communicate Clearly** When looking at a pictograph, how do you know which category has the least?


4
MTR

3. **Model Real Life** Use the pictograph.

7
MTR

Favorite Drink at Lunch									
 Milk									
 Water									
 Juice									



Each  = 1 student.

Is the number of students who chose water greater than, less than, or equal to the number of students who chose juice?

greater than less than equal to

4. **DIG DEEPER** In Exercise 3, 4 more students choose their favorite drink. Is it possible for the pictograph to show the same number of students in each category? Explain.

Yes No _____

Review & Refresh

5. $40 + 3 = \underline{\quad}$

6. $8 + 60 = \underline{\quad}$



Name _____

Learning Target: Use data to make pictographs.

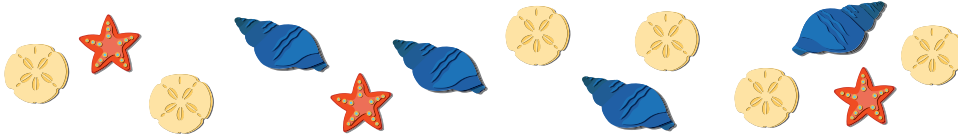
Example



Favorite Music						
Hip-Hop						
Pop						
Latin						

Each = 1 student.

1. Complete the pictograph.



Shells							
Conch							
Starfish							
Sand dollar							









Each = 1 shell.


2. **DIG DEEPER** In a pictograph, each represents 5 students. How can you find the total number of students the pictograph represents?






3. **Model Real Life** You ask 8 students whether they prefer dogs or cats. 6 students prefer dogs. The rest prefer cats. Complete the pictograph.


7
MTR

Favorite Pet							
 Dog							
 Cat							

Each  = 1 student.

4. **Open-Ended** Some students chose kickball as their favorite outside activity. More students chose basketball than kickball. Jump rope is the least favorite activity. Complete the pictograph.

Favorite Outside Activity							
 Kickball							
 Basketball							
 Jump rope							

Each  = 5 students.



In Canada, kickball is sometimes called soccer baseball!

Review & Refresh

5. Draw a line through the shorter object.





Name _____



Learning Target: Use data from graphs to answer questions.

Example

My Writing Tools						
	Marker	○	○	○	○	
	Pencil	○	○	○	○	○

Each ○ = 1 writing tool.

How many writing tools do you have?

4 + 5 = 9 9 writing tools

1.

Stuffed Animals	
 Bear	
 Penguin	
 Dog	

How many more dogs are there than penguins?

_____ more dogs

How many bears and dogs are there in all?

_____ bears and dogs

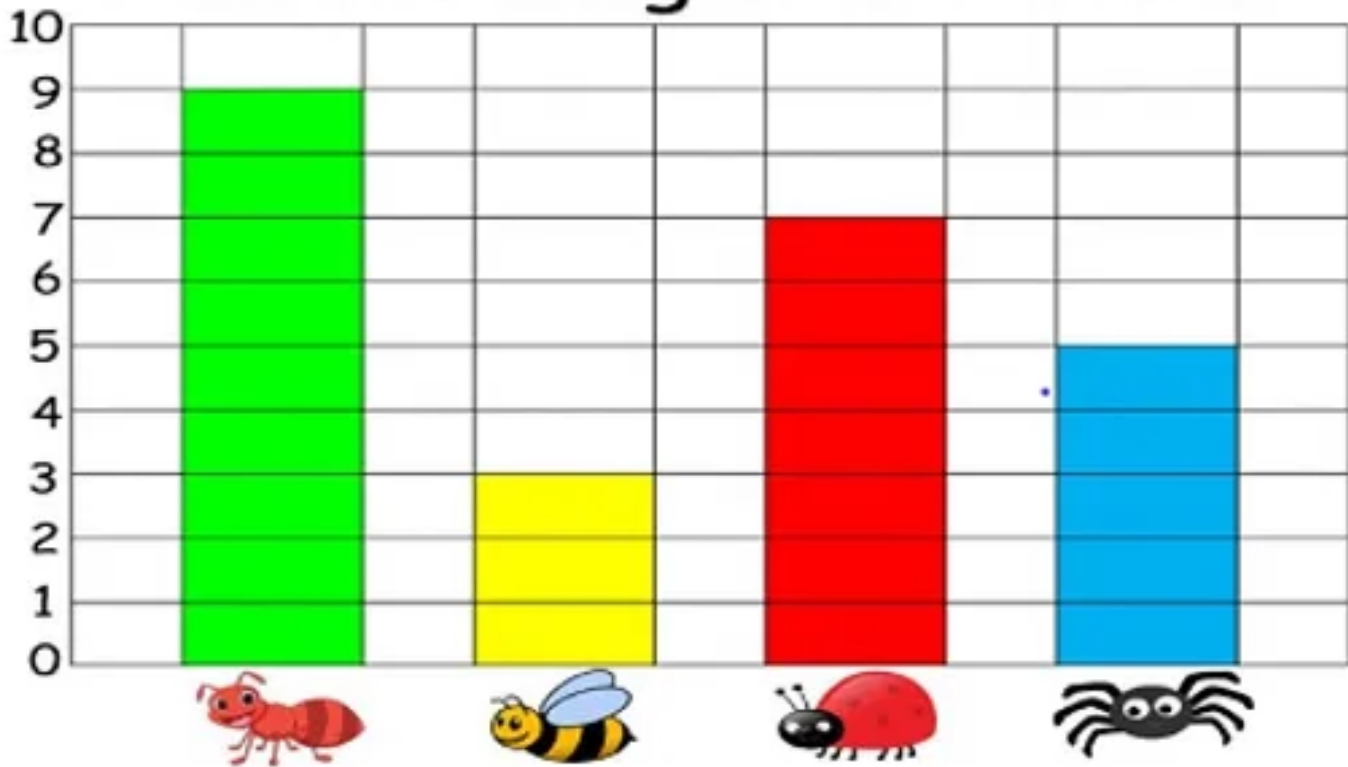


Bar Graph

Read the bar graph and answer the questions.



Insects caught in the net



How many ants were caught?

How many more ladybugs were caught than spiders?

Which insect was caught the most?

Which insect was caught the least?

How many bees and spiders were caught?

Name _____

Chapter Learning Target:

Understand data.

Chapter Success Criteria:

- ◆ I can record data in a tally chart.
 - ◆ I can use a pictograph.
 - I can compare data.
 - I can interpret data.
- ◆ Surface ■ Deep

Chapter Review

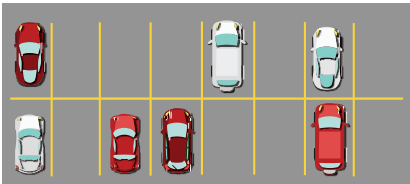
Rate your understanding after each section.



Sort and Organize Data

Learning Target: Make a tally chart to organize and understand data.

1. Complete the tally chart.

















Cars	
 Red	
 White	




Read and Interpret Pictographs

Learning Target: Understand data shown by a pictograph.

2.

Favorite School Subject	
 Art	     
 Math	     

Each  = 2 students.

Is the number of students who chose art greater than, less than, or equal to the number of students who chose math?

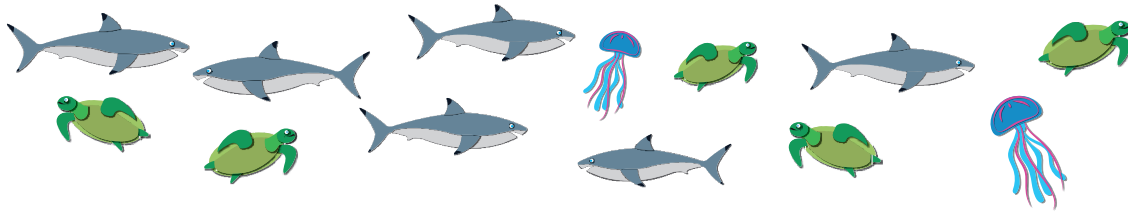
greater than less than equal to






11.3 Make Pictographs

Learning Target: Use data to make pictographs.

3. Complete the pictograph.



Favorite Sea Creatures									
	Jellyfish								
	Shark								
	Turtle								







Each 😊 = 1 student.



11.4 Solve Problems Involving Data

Learning Target: Use data from graphs to answer questions.

4.

Favorite Color	
 Purple	
 Green	
 Orange	

How many fewer students chose green than purple? _____ fewer students

How many students were asked? _____ students

