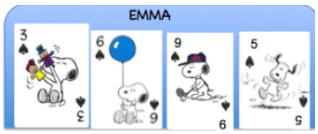
CCPS 2nd Grade Math -- Packet 3

Week 5 -- Sums & Differences (SOL 2.6)

Keep All Work so you can discuss it with your teacher.

<table>
<tr>
<td>Mon
4/27</td>
<td>Ashton won 86 tickets at the Big Fun Arcade. His friend Jeremy only won a few. Ashton gave his friend 32 of his tickets. Estimate how many tickets Ashton has now. Then calculate how many tickets he actually has left?
Use pictures, numbers, and words to show how you found your answer.</td>
<td>Henry wants to build a structure with his new Lego set. The structure will be two levels high. The first level will be made of twenty-seven Legos. The second level will have fifty-four legos. About how many Legos will Henry use to build his structure with two levels? Will Henry have enough Legos if his set contains 80? How do you know? Show all your mathematical thinking.</td>
</tr>
<tr>
<td>Tues
4/28</td>
<td>
<table>
<tr><th colspan="2">Birthday Wish List</th></tr>
<tr><td>Spy X night mission goggles</td><td>$33.00</td></tr>
<tr><td>Moon putty</td><td>$15.00</td></tr>
<tr><td>Stinky Pig Game</td><td>$17.00</td></tr>
<tr><td>Build and paint birdhouse</td><td>$18.00</td></tr>
<tr><td>World Map Pillowcase</td><td>$23.00</td></tr>
</table>
It's your birthday!! Your parents have given you permission to pick as many items from your wish list that you would like, but you must tell them the correct grand total for all of the items you selected.
</td>
<td>
<table>
<tr><th colspan="2">Birthday Wish List</th></tr>
<tr><td>Spy X night mission goggles</td><td>$33.00</td></tr>
<tr><td>Moon putty</td><td>$15.00</td></tr>
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<tr><td>Build and paint birdhouse</td><td>$18.00</td></tr>
<tr><td>World Map Pillowcase</td><td>$23.00</td></tr>
</table>
It's your birthday!! Your parents said you can pick what you would like from your list, but you are not allowed to spend over $55. What items can you buy that would allow you to spend as close to $55 as possible without going over?
</td>
</tr>
<tr>
<td>Wed
4/29</td>
<td>Lorenzo is playing "Target 100" where the goal is to get to 100 by adding two 2-digit numbers together. He rolls the following numbers: 5, 3, 4, and 7. Explain how he can get a sum that is as close to 100 as possible without going over. What two two-digit numbers should he create? What will be his sum? Show your work.</td>
<td>Read the two problems below:
<table>
<tr><td>Sue had 28 pencils. Alex gave her 14 more pencils. How many pencils does Sue have altogether?</td><td>Sue had 28 pencils. Alex gave her some more. Now Sue has 42 pencils. How many did Alex give her?</td></tr>
</table>
-What is the difference in the two problems?
-How would you solve each?
-How would you turn the problem into a subtraction problem?</td>
</tr>
<tr>
<td>Thurs
4/30</td>
<td>Delman is working with a partner to create two-digit numbers. Delman's number is 42, and his partner's number is 67. Draw a picture of what each number would look like in tens and ones. Show how Delman and his partner could add and subtract their numbers.</td>
<td>April wants to buy a dictionary that costs $17 and a children's cookbook that costs $6. She has saved $11 from her allowance. How much more money does April need to buy both books?</td>
</tr>
<tr>
<td>Fri
5/1</td>
<td>Anderson and Emma are playing a card game. Their goal is to be the closest to zero. Each player draws 4 cards and creates two 2-digit numbers. Then, they estimate the difference. Who would have won this round by being closest to zero? Remember they could only estimate the difference.



</td>
<td>Glenn is playing with the FUNction Machine. He starts by putting 6 cubes into the machine, and 4 cubes come out. Next, he puts 8 cubes in the machine, and 6 come out. Glenn thinks he knows the pattern, but he wants to check his estimation/prediction, so he puts 3 cubes into the machine. How many cubes will come out of the machine this time? What is the pattern? Explain how you know using numbers, pictures, & words.</td>
</tr>
</table>

CCPS 2nd Grade Math -- Packet 3

Week 6 -- Data (SOL 2.15)

Keep All Work so you can discuss it with your teacher.

Mon 5/4

Your family wants to order pizza tonight, but no one can agree on what type of pizza to order. Survey your family to determine what the favorite pizza topping is. Record your results in a table. **feel free to also call & ask other family/friends** Finally, create a pictograph to display the data that you collected. Which topping won?

Jacob surveyed his class on their favorite sport. Create a pictograph to match the data he collected.

Favorite Sport	
Basketball	𝍸 𝍸 ||
Baseball	𝍸 ||||
Football	𝍸 ||||
Soccer	||||

Tues 5/5

Celia's class voted for their favorite pet. The following pictograph shows how the class voted.

Favorite Pets	
Cat	🐾🐾🐾🐾🐾🐾
Dog	🐾🐾
Hamster	🐾🐾🐾

Each 🐾 stands for 2 votes.

Using the data in the pictograph, write two statements about the data in the pictograph.

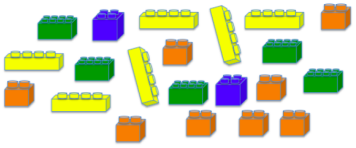
Favorite Junk Food	
Chips	
Popcorn	
Doughnuts	

Write three statements about the data shown in this pictograph.

Challenge: can you use <, >, or = symbols to make statements about the data in your graph?

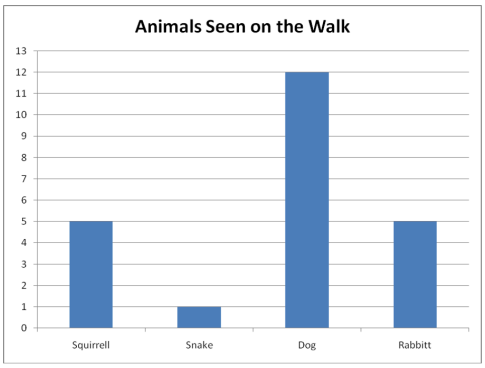
Wed 5/6

Mason has the following legos that he plans to share with his friends; however, he wants to make sure he gets all of his pieces back. Create a table to show how many legos of each color he has.



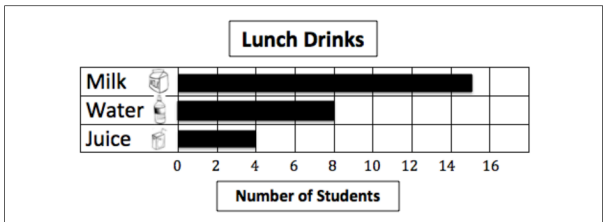
Use the data from the table you created to help you make a bar graph to show the colors of legos that Mason has.

Thurs 5/7



-Write at least four statements about the data in the bar graph. Use the following words in your statements: Greatest, Least, more than, less than.

Look at the bar graph below and select all true statements.



Two more students chose water than chose juice at lunch.	Everyone chose milk for lunch.
Exactly 15 students chose milk for lunch.	The fewest number of students chose juice for lunch.

Write two additional facts about the bar graph.

Fri 5/8

Eric wants to survey his friends to find out which sport—basketball, football, or soccer—is the most popular. Explain to Eric what he needs to do to collect and organize his information.

Create a survey question of your choice. Survey your family/friends (contact people outside of your home by phone/internet) Record your data & display it in either a picture graph or bar graph. BE CREATIVE :)

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