Smiley Face Math　　　　　　　　Name:_____
Grade 3, Worksheet VIII

☺ ☺　　1. Aaron was packing for a 7-day camping trip. His mother told him to pack one pair of socks for each day of his trip plus an extra pair. How many socks will Aaron have in his bag? _____
　　　　　　　　　　　　　　　　　Explain your answer:

☺ ☺　　2. What fraction is one pair of socks from the total pairs Aaron packed?　_____

☺ ☺ ☺ ☺　3. Zauria picks strawberries in a field. Each time she bends down, she picks 5 strawberries but 2 strawberries fall out of her basket. She wants to collect 27 strawberries in all. How many times will she bend down to pick the strawberries?

　　　　　　(Hint: finish the table below. Use counters to keep track.)
　　　Show your work here:

Number of bends	Strawberries in her basket
1	$5 - 2 = 3$
2	$3 + 5 - 2 = 6$

Answer: She had to bend over _____ times.

☺ ☺ ☺　4. Cole, Vaughn, and Gary collect stamps. Cole had 5 stamps in his collection. Vaughn had twice as many stamps as Cole. Gary had 3 times as many stamps as Cole.

　　a. Which boy had the *fewest* stamps? _____
　　b. Which boy had the *most* stamps? _____
　　c. *How many more* stamps did Gary have than Vaughn? _____

☺ ☺ ☺   5. Roxana loves to eat apples. She ate ¼ of an apple at lunch and ¼ of the same apple after school. What fraction of the apple was left for her to eat at dinner? _____

       Explain your answer:

☺ ☺   6. Which fraction is bigger, 2/4 of an apple or ¾ of an apple? _____

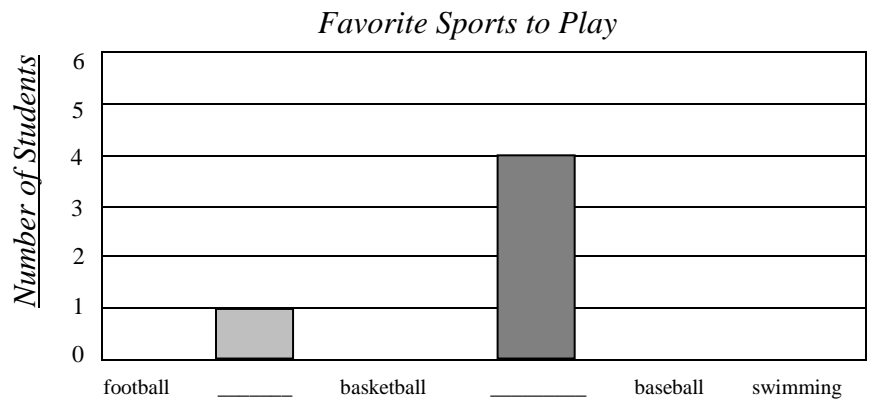   Draw a picture to show what you mean:

☺ ☺ ☺ ☺   7. A *survey* was taken to find out about 3rd graders' favorite sports. **5 students chose football, 1 chose tennis, 3 chose basketball, 4 chose soccer, 2 chose baseball, and 3 chose swimming**. Use this data to complete the *frequency table* and *bar graph* below.

Frequency Table

Favorite Sports to Play	
Sport's Name	Number of Students
Football	5
Tennis	
Basketball	
	4
	2
Swimming	

Bar Graph

Favorite Sports to Play

Number of Students

6
5
4
3
2
1
0

football _____ basketball _____ baseball swimming

a.   In all, how many students answered the *survey*? _____

b.   How many students liked baseball best? _____

c.   Which two sports had the same amount of students as their favorite? _____ & _____

d.   *How many more* students liked soccer than tennis? _____