Smiley Face Math   Name:_____
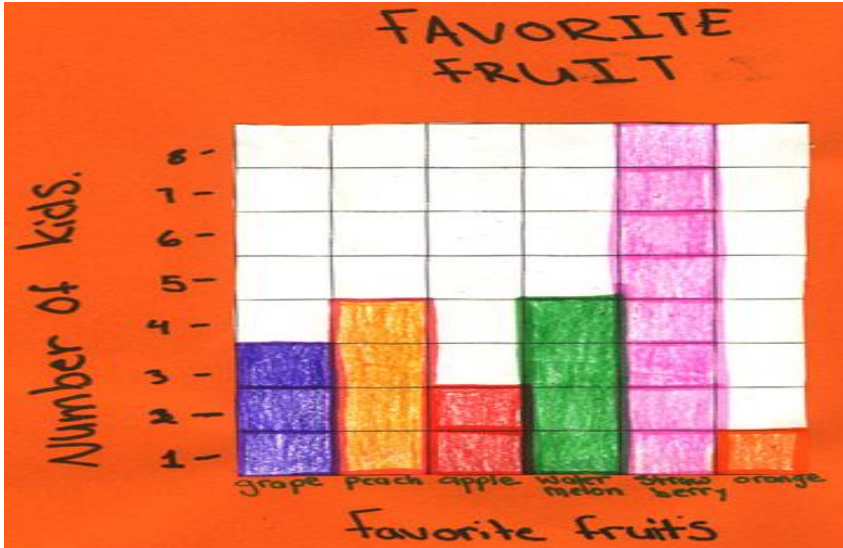**Grade 3, Worksheet II**

☺ ☺ ☺ ☺   1. a. Explain what this graph shows: _____

b. How many different fruits could a student choose from? _____

c. How many students voted? _____
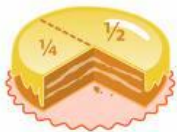
d. If the students who said *apple* was their favorite switched to *grape*, how many votes would *grape* have then? _____

☺   2. Kelley just showed up for lunch and got in trouble for being 15 minutes late. What time should she have been at the table?

Answer: _____

☺ ☺   3. a. What fraction of the cake has been eaten? _____   Explain how you know:

b. What fraction of the cake is left? _____ Explain how you know:

☺ ☺   4. What fraction of the cars would be ok to drive if it were raining outside? _____

☺ ☺ ☺ ☺   5. Three tables and chairs like the ones below are needed for a meeting.

a. Write and solve an addition problem for the total number of people who can attend the meeting.

_____

b. Write a multiplication problem that also shows how many people can attend the meeting.

_____

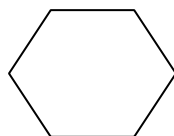☺ ☺ ☺   6. Johnny the Clown has two kids himself. His two brothers and three sisters each have 2 kids.

a. Draw a picture to find the number of kids in the family:

b. Write an addition sentence to find the number of kids: _____

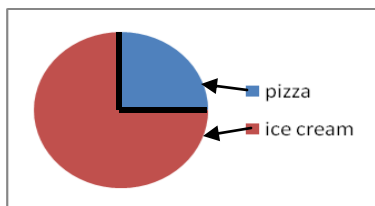c. Write a multiplication sentence to find the number of kids: _____

☺   7. The shape below has 6 sides and 6 angles. a. What shape is this? _____

b. Are the angles *right angles*, *acute angles*, or *obtuse angles*? _____

c. How can you tell using the corner of a sheet of paper to check?

☺ ☺ ☺   8. Kids were asked if they preferred pizza or ice cream. The results are shown in the pie chart.

a. What fraction of the students liked pizza best? _____

b. What fraction liked ice cream best? _____

c. What is the *largest fraction*, the ones who liked pizza best or the ones who liked ice cream best?

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