1st Grade Unit 1: Addition and Subtraction Concepts within 10
Pre-Assessment

Name: _____Date:_____

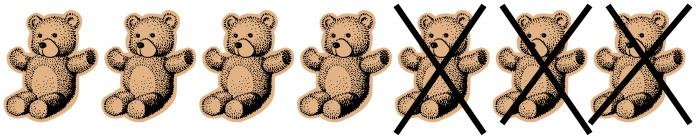
Teacher Directions: "The purpose of this pre-assessment is to show your teacher what you already know about math. There will be many items that you do not know how to solve yet, and that is okay! Take time to show your mathematical thinking. "

Read all questions to students.
(1.OA.6 - I can add or subtract within 10 and create equations to show my thinking.)

1.) Write an addition equation for the picture below. (___/1)

_____ + _____ = _____

2.)Write a subtraction equation for the picture below. (___/1)



_____ - _____ = _____

3.)Solve the following problems. Use pictures or words to show your work inside the box. (1 point for correct answer and 1 point for showing work.) (____/10)

4 + 2 =

5 + 1 =

6 + 3 + 1 =

8 – 3 =

5 – 1 =

4.)If 7 + 3 = 10, what is 3 + 7? _____ (___/1)

5.)Write one equation to equal the sum of 6. Use numbers, pictures, or words to show your work inside the box below. (___/1)

6.) Write one equation to equal the difference of 2. Use numbers, pictures, or words to show your work inside the box below. (____/1)

7.)Write **True** if the equations are equal. Write **False** if they are not equal. (___/5)

5 + 4 = 8 + 1 _____

4 + 2 = 3 + 4 _____

1 + 8 = 3 + 3 + 3 _____

10 - 4 = 4 + 6 _____

8 - 4 = 2 + 2 _____

You may use this space to work out the problems above.

8.)Solve for the missing number in the following problems. Use pictures or words to show your work inside the box. (1 point for correct answer and 1 point for showing work.) (____/8)

7 + ☐ = 10

5 + 5 = ☐

5 = ☐ – 3

9 – ☐ = 5

(1.OA.1 I can solve word problems using addition or subtraction.)

9.)Billy has 6 fish. Jack has 2 snails. How many animals do they have in all?
(1 point for correct answer and 1 point for showing work.) (____/2)

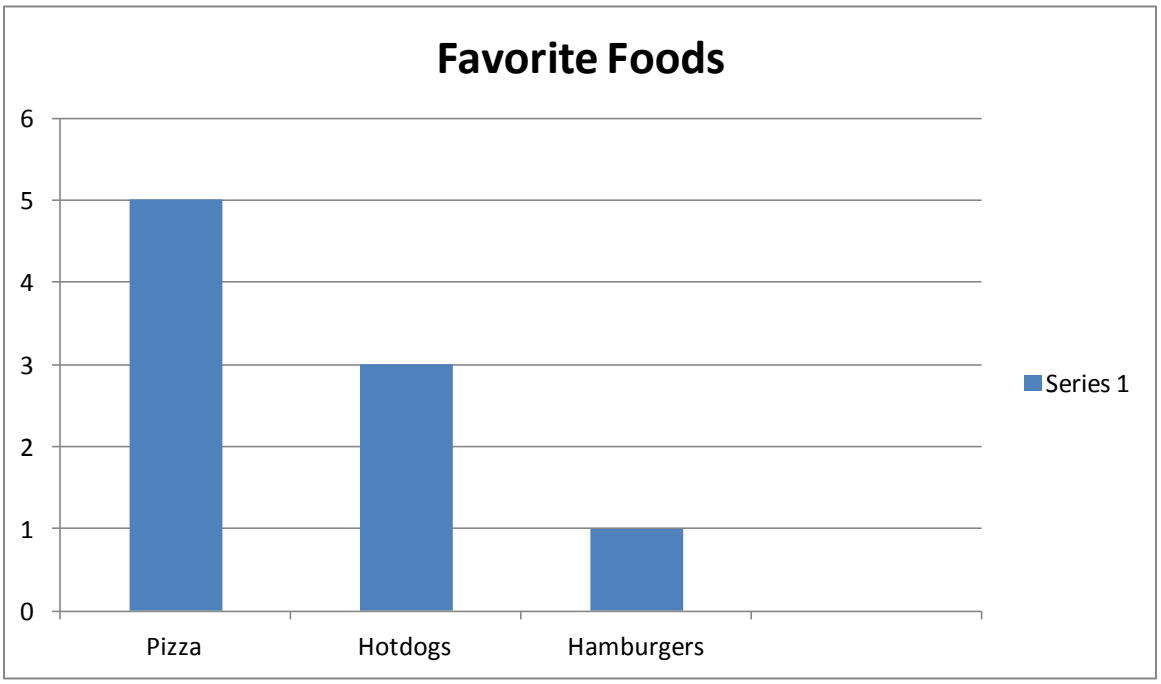
Use numbers, pictures or words to show your work:

10.) Mary is having a birthday party. She has 10 cupcakes. She gives her friends 8 cupcakes. How many cupcakes does Mary have left over?
(1 point for correct answer and 1 point for showing work.) (____/2)

Use numbers, pictures or words to show your work:

(1.MD.4 I can organize and interpret data and answer questions about the data.)

11.) Use the chart to answer the following questions. (____/3)



a.) How many students like pizza the best? _____

b.) How many students like hotdogs the best? _____

c.) How many students like pizza, hotdogs, and hamburgers in all? _____

Use numbers, pictures, or words to show your work: