Name: _____Date:_____

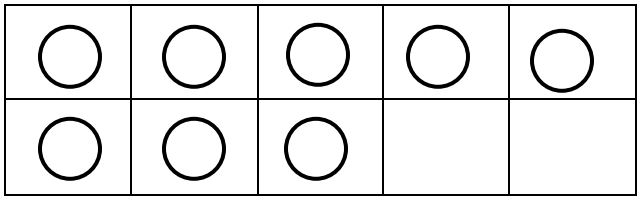
1st Grade Unit 2: Addition and Subtraction Concepts within 20 Pre-assessment

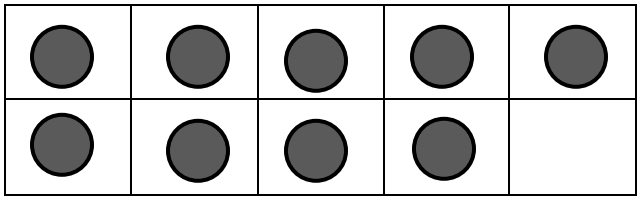
Teacher Directions: Read all questions to students.

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

1.OA.C.6 *I can add and subtract within 20, demonstrating fluency for addition and subtraction within 10*

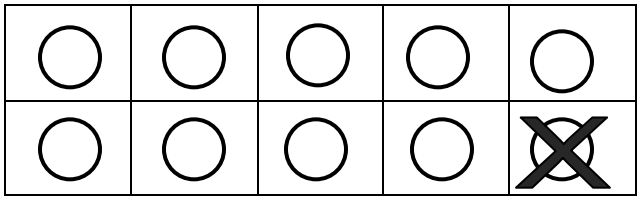
1.) Write the equation that is shown on the Ten-Frames. (____/1)

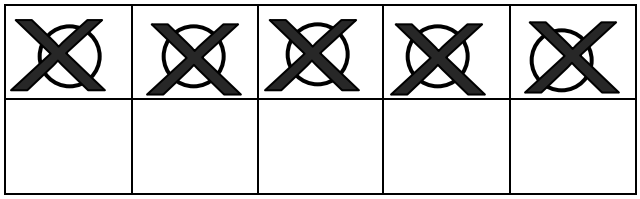




_____ + _____ = _____

2.) Write the equation that is shown on the Ten-Frames. (____/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)

14
+ 2
___

19 - 3 =

4 + 4 + 5 =

20
- 6

8 + 3 + 7 =

4.) If 9 + 5 = 14, what is 5 + 9? _____ (___/1)

5.) Write one equation to equal the sum of 20. Use numbers, pictures, or words to show your work inside the box below. (___/1)

6.) Write one equation to equal the difference of 12. Use numbers, pictures, or words to show your work inside the box below. (____/1)

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

13 + 6 = 20 - 1 _____

8 + 8 = 12 + 4 _____

19 - 5 = 10 + 2 + 3 _____

14 - 2 = 7 + 9 _____

$$\begin{array}{r} 12 \\ +\ 5 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ -\ 4 \\ \hline \end{array} \quad =$$

_____

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

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

14 + ☐ = 18

15 = ☐ – 2

9 + ☐ + 2 = 20

16 – ☐ = 6

1.OA.A.1 *Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.*

9.) Joe saw 15 fireflies in his yard. He caught 9 of them. How many were left? (1 point for correct answer and 1 point for showing work.) (____/2)

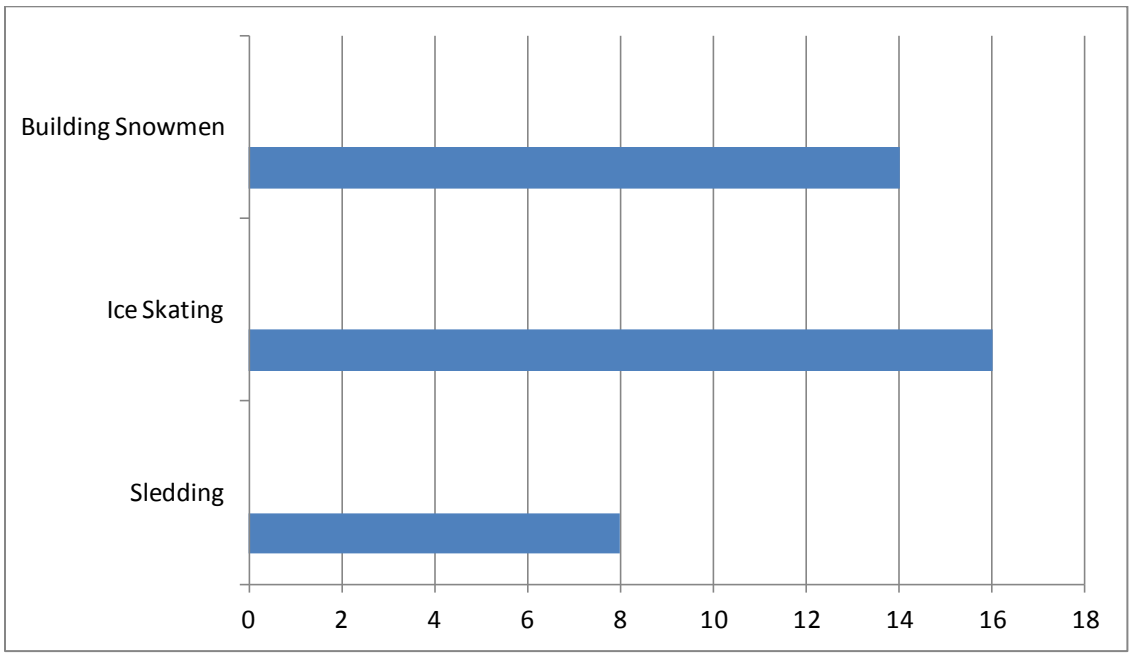
Use numbers, pictures or words to show your work:

10.) Molly scored 8 baskets. Kate scored 13. Who scored more? How many more did she score? (1 point for correct answer question 1, 1 point for question 2 and 1 point for showing work.) (____/3)

Use numbers, pictures or words to show your work:

1.MD.C.4 *Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.*

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



a.) Write the winter activities from the least amount of votes to the greatest amount?

_____ _____ _____

b.) How can you make the sledding results equal to building a snowman results?

_____

c.) How many students liked ice skating more than sledding?

_____

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