ST Math
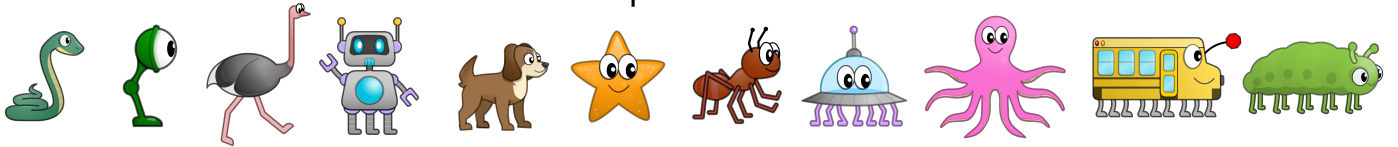## Summer Immersion
Grade 1 | Pre-Assessment

Name: _____ Date: _____

Use these creatures to answer the questions.

1. If you have 10 shoes, what creatures could you use to fill the shoes? Give 3 examples.

2. What is 20 + 40? Use the number line to show how you got your answer.

0   10   20   30   40   50   60   70   80   90   100

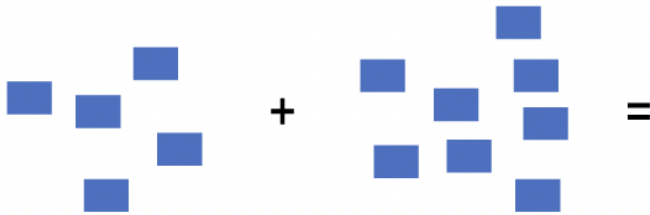3. Make this equation true and explain how you know it is true.

$$20 = 9 + \underline{\quad}$$

4. **Part 1:** JiJi ate 3 fish for breakfast, 4 fish for lunch, and 8 fish for dinner. How many fish did JiJi eat that day? Explain your answer using pictures, words, and/or equations.

4. **Part 2:** Paco wrote this equation 3 + 4 + ? = 8 to solve the problem. Is Paco using the right equation to solve this problem? Explain.

5. Complete the picture and write the equation to solve this problem.

Equation: _____

6. Is the equation 14 + 3 = 20 true or false? Circle your answer and explain how you know it is true or false.

14 + 3 = 20   true or false

7. Pie Monster wanted to eat 9 pies. There were already 3 pies. How many more pies does Pie Monster want? Explain how you know your answer is correct.

8. Paco made a necklace with blue, red, and white beads. He used 9 blue beads and 9 red beads. Paco used 25 beads altogether. How many white beads did Paco use?

9. Solve each of these equations. Write the missing number in the box.

$$12 + \boxed{} = 19$$

$$14 = \boxed{} - 6$$

$$\boxed{} + 8 = 19$$

10. Abdul bought a bag of hard candies. He had 11 red candies and 9 white candies. He ate 6 of the red candies. How many candies does Abdul have left?

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ST Math.
Summer Immersion
Grade 1 | Post-Assessment

Name: _____ Date: _____

Use these creatures to answer the question.

1. If you have 12 shoes what creatures could you use to fill the shoes? Give 3 examples.

2. What is 50 + 30? Use the number line to show how you got your answer.

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<----|----|----|----|----|----|----|----|----|----|---->
     0   10   20   30   40   50   60   70   80   90  100
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3. Make this equation true and explain how you know it is true.

$$17 = 8 + ?$$

4. **Part 1:** JiJi ate 5 fish for breakfast, 3 fish for lunch, and 9 fish for dinner. How many fish did JiJi eat that day? Explain your answer using pictures, words, and/or equations.
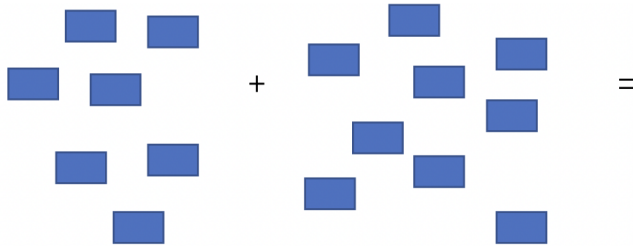
4. **Part 2:** Paco wrote this equation 5 + 3 + ? = 9 to solve the problem. Is Paco using the right equation to solve this problem? Explain.

5. Complete the picture and write the equation to solve this problem.

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Equation: _____

6. Is the equation 12 + 6 = 20 true or false? Circle your answer and explain how you know it is true or false.

12 + 6 = 20   True or False

7. Pie Monster wanted to eat 12 pies. There were already 8 pies. How many more pies does Pie Monster want? Explain how you know your answer is correct.

8. Paco made a necklace with green, pink, and black beads. He used 7 green beads and 7 pink beads. Paco used 25 beads altogether. How many black beads did Paco use?

9. Solve each of these equations. Write the missing number in the box.

$$6 + \boxed{} = 15$$

$$12 = \boxed{} - 7$$

$$\boxed{} + 6 = 13$$

10. Abe bought a bag of hard candies. He had 15 yellow candies and 4 blue candies. He ate 6 of the yellow candies. How many candies does Abe have left?