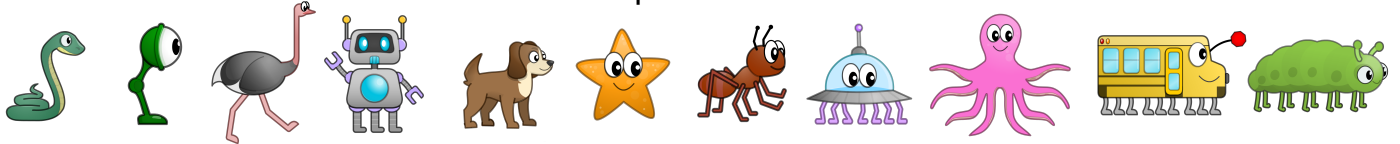




# ST Math. Summer Immersion

Grade 1 | Pre-Assessment Answer Key | FLORIDA

Use these creatures to answer the question.



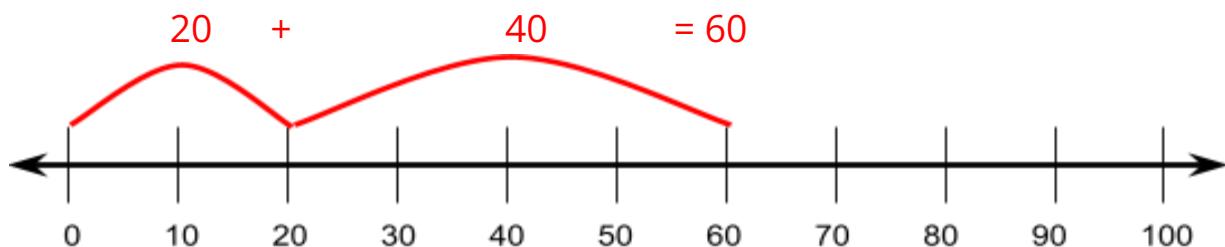
1. If you have 10 shoes, what creatures could you use to fill the shoes? Give 3 examples.

Answers will vary. Students may draw pictures as well. Look for 3 different examples.

- Lamp + Bus
- Robot + Spaceship
- Centipede + Snake
- Octopus + Ostrich
- 2 Stars
- Dog + Ant (*note: Ant + Dog is the same answer, so it does not count as an additional answer to make sure students understand this rule.*)

*Note: If students write numbers, reread the question and say make sure you are answering what the question is asking you to answer.*

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



*Note: 60 alone is not sufficient. Students must use the number line and not just show 60 on the number line.*



# ST Math. Summer Immersion

Grade 1 | Pre-Assessment Answer Key | FLORIDA

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

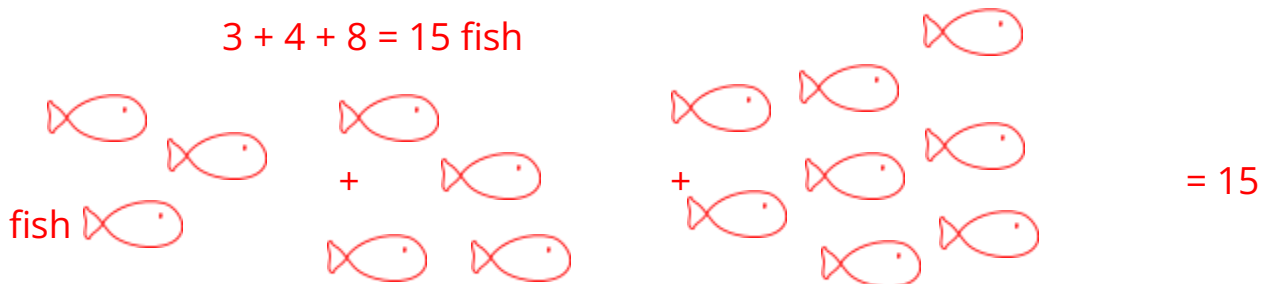
$$20 = 9 + ? \quad 11 \quad \text{or} \quad 20 = 9 + 11 \quad \text{or} \quad ? = 11$$

*Possible answers: The ? is 11 because 9 and 11 make 20. The answer is 11 because I know that 20 take away 9 is 11. I started with 20 and counted down to 9. It is 11.*

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.

Jiji ate 15 fish. Because  $3 + 4 + 8$  is 15

$$3 + 4 + 8 = 15 \text{ fish}$$



Any shape fish will work.

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.

No, Paco is not right. Paco added 3 and 4 and some more to get 8. He should have added the 8 to the 3 plus 4.

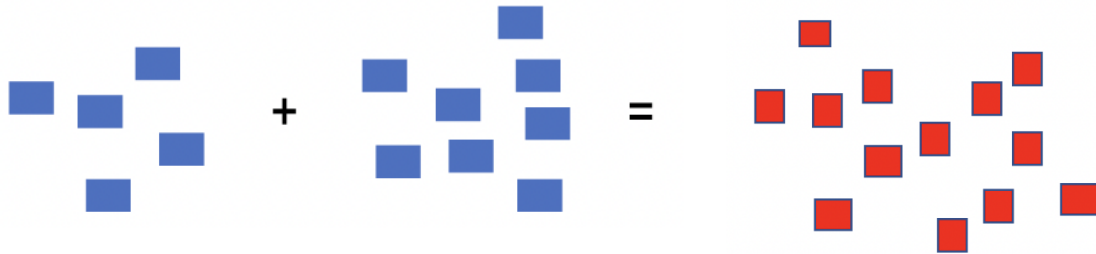
Paco's equation should be  $3 + 4 + 8 = ?$



# ST Math. Summer Immersion

Grade 1 | Pre-Assessment Answer Key | FLORIDA

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



Equation:  $5 + 8 = 13$

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

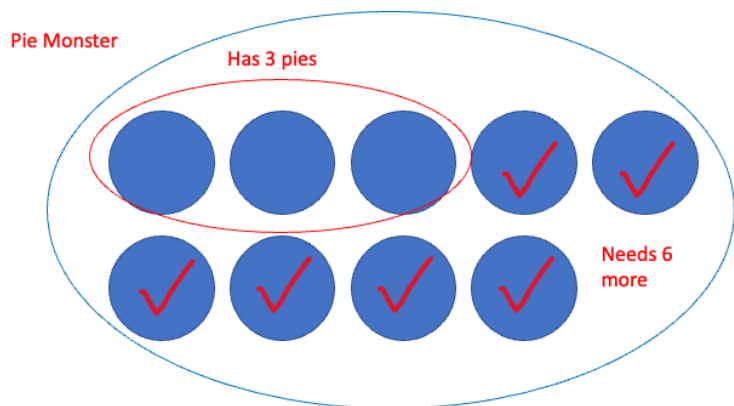
$14 + 3 = 20$  true or **false**

It is false because  $14 + 3 = 17$  not 20.

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. *Answers will vary.*

I know that  $9 - 3 = 6$ .

Pie monster wants 9 pies and he already has 3, so he needs 6 more pies to make 9. So,  $6 + 3 = 9$ .





# ST Math. Summer Immersion

Grade 1 | Pre-Assessment Answer Key | FLORIDA

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? *Answers will vary. Some students may draw a picture to solve, others may use numbers.*

$$9 + 9 = 18$$
$$25 - 18 = 7 \text{ white beads}$$

$$9 + 9 = 18$$
$$19, 20, 21, 22, 23, 24, 25 \text{ He needs 7 white beads}$$



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

$$12 + \boxed{7} = 19$$

$$14 = \boxed{20} - 6$$

$$\boxed{11} + 8 = 19$$

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?

$$11 + 9 = 20 \text{ total candies}$$

$$20 - 6 = 14 \text{ candies left}$$

*Students could also draw a picture to show 14 candies left.  
or  $11 - 6 = 5$  red candies, then  $5 + 9 = 14$  candies left*



# ST Math. Summer Immersion

Grade 1 | Pre-Assessment Answer Key | FLORIDA

## B.E.S.T. Standards Alignment

Question #	Standards
1	MA.1.AR.1.2 MA.1.NSO.2.1
2	MA.1.AR.1.2 MA.1.NSO.2.3
3	MA.1.AR.2.3
4	MA.1.AR.1.1
5	MA.1.AR.1.2
6	MA.1.AR.2.2
7	MA.1.AR.1.2 MA.1.AR.2.1
8	MA.1.AR.1.2 MA.1.NSO.2.1
9	MA.1.AR.2.3 MA.1.AR.2.1
10	MA.1.AR.1.1 MA.1.NSO.2.1

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# ST Math. Summer Immersion

Grade 1 | Post-Assessment Answer Key | FLORIDA

Use these creatures to answer the question.

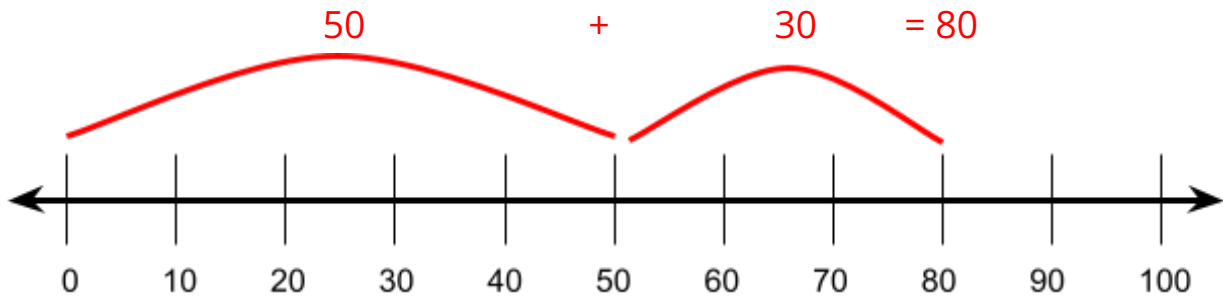


1. If you have 12 shoes what creatures could you use to fill the shoes? Give 3 examples. *Answers will vary. Students may draw pictures as well. Look for 3 different examples.*

- Ostrich + Centipede
- Dog + Octopus
- Star + Spaceship
- 2 Ants

*Note: If students write numbers, reread the question and say make sure you are answering what the question is asking you to answer.*

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



*Note: 80 alone is not sufficient. Students must use the number line and not just show 80 on the number line.*



# ST Math. Summer Immersion

Grade 1 | Post-Assessment Answer Key | FLORIDA

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

$$17 = 8 + ? \quad 9 \text{ or } 17 = 8 + 9 \text{ or } ? = 9$$

Possible answers: The ? is 9 because 8 and 9 make 17. The answer is 9 because I know that 17 take away 8 is 9. I started with 17 and counted down to 8. It is 9.

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.

Jiji ate 17 fish. Because  $5 + 3 + 9$  is 17

$5 + 3 + 9 = 17$  fish

Any shape fish will work.

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.

No, Paco is not right. Paco added 5 and 3 and some more to get 9. He should have added the 9 to the 5 plus 3.

Paco's equation should be  $5 + 3 + 9 = ?$

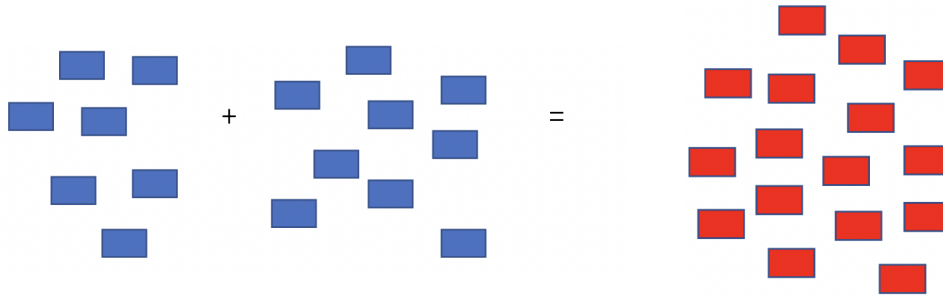




# ST Math. Summer Immersion

Grade 1 | Post-Assessment Answer Key | FLORIDA

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



Equation  $7 + 9 = 16$

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**

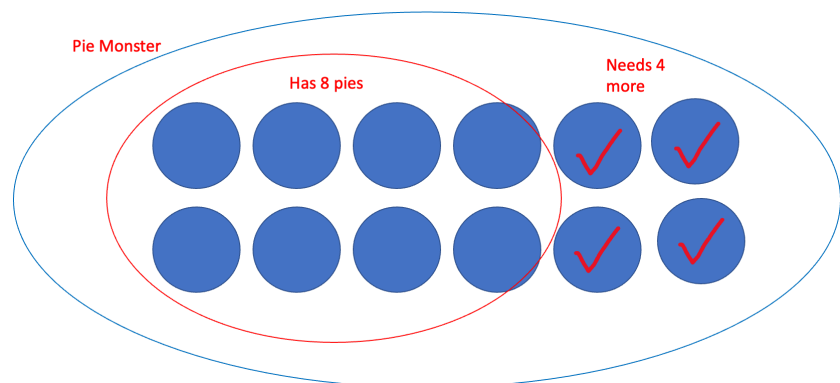
It is false, because  $12 + 6 = 18$ , not 20.

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. *Answers will vary.*

I know that  $12 - 8 = 4$ .

Pie monster wants 12 pies and he already has 8, so he needs 4 more pies to make 12.

$$8 + 4 = 12$$





# ST Math. Summer Immersion

Grade 1 | Post-Assessment Answer Key | FLORIDA

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

$$7 + 7 = 14$$

$$25 - 14 = 11 \text{ black beads}$$

$$7 + 7 = 14$$

15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 He needs 11 black beads



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

$$6 + \boxed{9} = 15$$

$$12 = \boxed{19} - 7$$

$$\boxed{7} + 6 = 13$$

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? *Answers may vary.*

$$15 + 4 = 19$$

$$19 - 6 = 13 \text{ candies left}$$

Students could also draw a picture to show 13 candies left or

$$15 - 6 = 9 \text{ yellow candies } 9 + 4 = 13 \text{ candies left}$$



# ST Math. Summer Immersion

Grade 1 | Post-Assessment Answer Key | FLORIDA

B.E.S.T. Standards Alignment

Question #	Standards
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8	MA.1.AR.1.2 MA.1.NSO.2.1
9	MA.1.AR.2.3 MA.1.AR.2.1
10	MA.1.AR.1.1 MA.1.NSO.2.1