

Preliminary Planning Sheet

Grade 2 – Go Fish

Domain(s)

Operations and Algebraic Thinking

Standard(s)

2.OA.C.3

Mathematical Practices

MP.1 MP.3 MP.4 MP.6 MP.7

Major Underlying Mathematical Concepts

- Number sense to 20
- Odd/Even
- Addition/Subtraction
- 1 to 1 correspondence to 20
- Counting by 2s to 20

Problem Solving Strategies

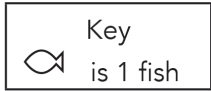
- Model (manipulatives)
- Diagram/Key
- Tally chart
- Table
- Number line
- Sets

Formal Mathematical Language and Symbolic Notation

- Model
- Diagram/Key
- Tally chart
- Table
- Number line
- Sets
- Odd/Even
- More than (>)/Greater than (>)/Less than (<)
- Equivalent/Equal to
- Equation
- Total/Sum
- Pattern
- Per
- Amount
- Tally

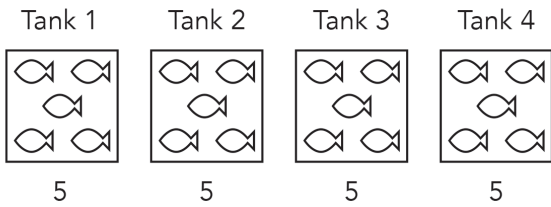
Possible Solution(s)

James is correct.



$$5 + 5 + 5 + 5 = 20$$

5 is an odd number



Tank	Total Goldfish
1	
2	
3	
4	

Tank	Total Goldfish
1	5
2	10
3	15
4	20

Possible Connections

Below are some examples of mathematical connections. Your students may discover some that are not on this list.

- There is an even number of total goldfish.
- If there were 5 fish tanks, then Ryan would be correct.
- Relate to a similar task and state a math link.
- $\text{Odd} + \text{Odd} + \text{Odd} + \text{Odd} = \text{Even}$
- There are 16 more goldfish than fish tanks.
- Solve more than one way to verify the answer.
- The pattern is counting by 5 for goldfish and counting by 1 for fish tanks.