Preliminary Planning Sheet
Grade 2 – Selling Flowers

Domain(s)

Operations and Algebraic Thinking

Standard(s)

2.OA.A.1

Mathematical Practices

MP.1 MP.2 MP.3 MP.4 MP.6

Major Underlying Mathematical Concepts

- Number sense to 68
- Two dozen is 24 flowers
- Relationship between addition and subtraction

Problem Solving Strategies

- Model (manipulatives)
- Diagram/Key
- Table
- Number line

Formal Mathematical Language and Symbolic Notation

- Model
- Diagram/Key
- Number line
- Difference
- Total/Sum
- Pattern
- Most/Least

- More than (>)/Greater than (>)/Less than (<)
- Equivalent/Equal to
- Dozen
- Table
- Amount
- Halves, half of, two halves, one-half
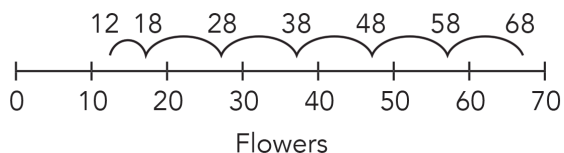- Odd/Even

Possible Solution(s)

Layla has 12 flowers left to sell.

Place	Flowers Sold	Total Flowers Sold
Hospital	32	32
School	24	56

$12 + 12 = 24$

$32 + 24$
$30 + 20 = 50$
$2 + 4 = + 6$
56

$68 - 56$
$60 - 50 = 10$
$8 - 6 = + 2$
12

Flowers

$56 - 50 = 6$
$18 - 6 = 12$

Possible Connections

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

- 1 dozen is 12.
- 2 dozen is 24.
- 3 dozen is 36.
- Layla has 3 dozen flowers left after selling flowers at the hospital.
- All the numbers in the problem are even.
- Layla always sells an even number of flowers.
- Layla sells 8 more flowers at hospital than school.
- She has 36 flowers left to sell after the hospital sales.
- Solve more than one way to verify the answer.
- Relate to a similar problem and state a math link.