

FOUR-BY-FOUR

LOGIC PUZZLES

Bundle

Addition Puzzle 1 Name: _____

| | | | |
|----|----|----|----|
| | | | |
| 3 | | | |
| | | | 3 |
| | 3 | 3 | |
| 15 | 12 | 14 | 17 |

Workspace

Addition Puzzle 2 Name: _____

| | | | |
|----|---|----|----|
| | 4 | | |
| | | | |
| 4 | | | 4 |
| | | | 4 |
| 13 | 7 | 20 | 16 |

Workspace

Addition Puzzle 19 Name: _____

| | | | |
|----|----|----|----|
| | | 26 | |
| | 26 | | |
| | | 26 | |
| 26 | | | |
| 84 | 69 | 98 | 67 |

Workspace

= = =

Addition Within 100 Puzzles













| | | | | |
|----|----|----|----|----|
| 21 | | | | 95 |
| 21 | | | | 81 |
| | | | 21 | 88 |
| 21 | | | | 79 |
| 93 | 88 | 90 | 72 | |

Critical thinking meets addition practice!

Here's an engaging way for
your students to build their
reasoning skills while
developing their
mathematical stamina and
problem-solving skills!













DEEP THINKING

Addition Puzzle 1 Name: _____

| | | | | |
|---|---|---|---|----|
|  |  |  |  | 16 |
| 3 |  |  |  | 16 |
|  |  |  | 3 | 11 |
|  | 3 | 3 |  | 15 |



15 12 14

Addition Puzzle 19




| | | | | |
|---|---|---|---|----|
|  |  | 26 |  | 83 |
|  | 26 |  |  | 97 |
|  |  | 26 |  | 82 |
| 26 |  |  |  | 67 |

84 69 98 67

Workspace

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Workspace

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These puzzles incorporate early **algebraic thinking** in a visual, non-intimidating format! Students will:

- **Analyze variables:** Treat the icons as symbols representing unknown numbers.
- **Cross-reference data:** Look at the grid horizontally and vertically to compare row and column sums.
- **Use deductive reasoning:** Apply reasoning and mental math strategies to solve the mystery.

| | | | | |
|---|---|---|---|----|
| 21 |  |  |  | 95 |
| 21 |  |  |  | 81 |
|  |  |  | 21 | 88 |
| 21 |  |  |  | 93 |
| 93 | 88 | | | |

**REINFORCES
INVERSE RELATIONSHIP
BETWEEN
ADDITION &
SUBTRACTION**

Printable & Digital Options Included!

Two different options designed to fit into your unique classroom:

- **Printable Version:** Includes a student workspace encouraging students to show their thinking; use in small math groups or for independent practice
- **Digital Version:** Perfect for whole-class math talks or math warm-ups

Addition Puzzle 1 Name: _____

| | | | | |
|---|---|---|---|----|
|  |  |  |  | 16 |
| 3 |  |  |  | 16 |
|  |  |  | 3 | 11 |
|  | 3 | 3 |  | 15 |
| 15 | 12 | 14 | 17 | |

Workspace

 =  = 

Addition Within 20 Puzzles

**RIGOROUS
PROBLEM-
SOLVING**



What's Included in This Bundle?

- **60 Logic Puzzles** in both **printable and digital** formats
- Dedicated **workspace to represent thinking**. Students can write calculations, draw part-part-wholes or represent their thinking in any other way!
- **Answer Key** for easy self-checking

Three Packages Included:



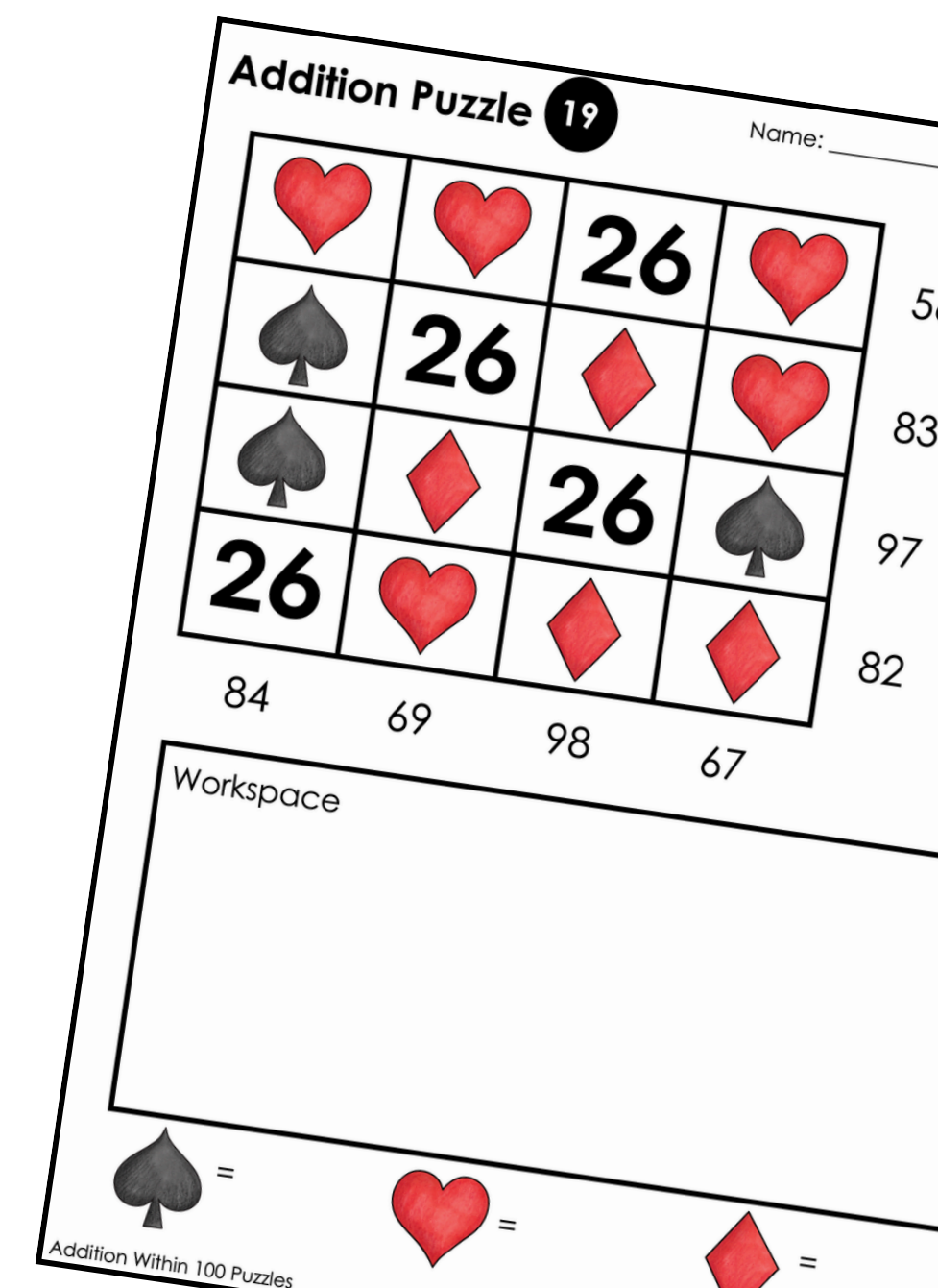
Sums to 20



Sums to 50



Sums to 100



Ready to make
logical, critical
thinking a part of
your daily routine?

FOUR-BY-FOUR LOGIC PUZZLES Bundle

The image displays three sample logic puzzle worksheets and a digital version on a computer monitor. Each puzzle is a 4x4 grid with numbers and icons. The first puzzle uses beach-related icons (beach ball, sun, flip-flops) and numbers 3 and 4. The second puzzle uses fruit icons (watermelon, apple) and numbers 4 and 4. The third puzzle uses playing cards (hearts, spades, diamonds) and numbers 26 and 26. Each worksheet includes a 'Workspace' area for solving the puzzle. The digital version on the monitor shows a puzzle with numbers 21 and icons of vegetables (broccoli, carrot) and numbers 95, 81, 88, 79, 93, 88, 90, 72.

SHELLEY GRAY **DIGITAL & PRINTABLE**