

FOUR-BY-FOUR

LOGIC PUZZLES

Addition Within 50

Addition Puzzle 10

		7		42
				46
		7	7	38
7		7		30

36 40 32 48

Workspace

Addition Puzzle 4

		5		36
5				26
5				45
		5		43

34 45 31 40

Workspace

Addition Puzzle 15

				18
14	14		14	45
				50
				40

39 45 34 35

Workspace












		7		42
				46
		7	7	38
7		7		30

36 40 32 48

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!

Addition Puzzle 10 Name: _____

		7		42
				46
		7	7	38
7		7		30




36 40 32

Workspace

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Addition Within 50 Puzzles

Addition Puzzle 4 Name: _____

		5		34
5				45
5				31
		5		40

34 45 31 40














Workspace

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Addition Within 50 Puzzles






Addition Puzzle 15 Name: _____

				18
14	14		14	45
				50
				40

39 45 34 35

Workspace

 =  = 

Addition Within 50 Puzzles

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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.

		7		42
				46
		7	7	38
7		7		30
36	40			












**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 10 Name: _____

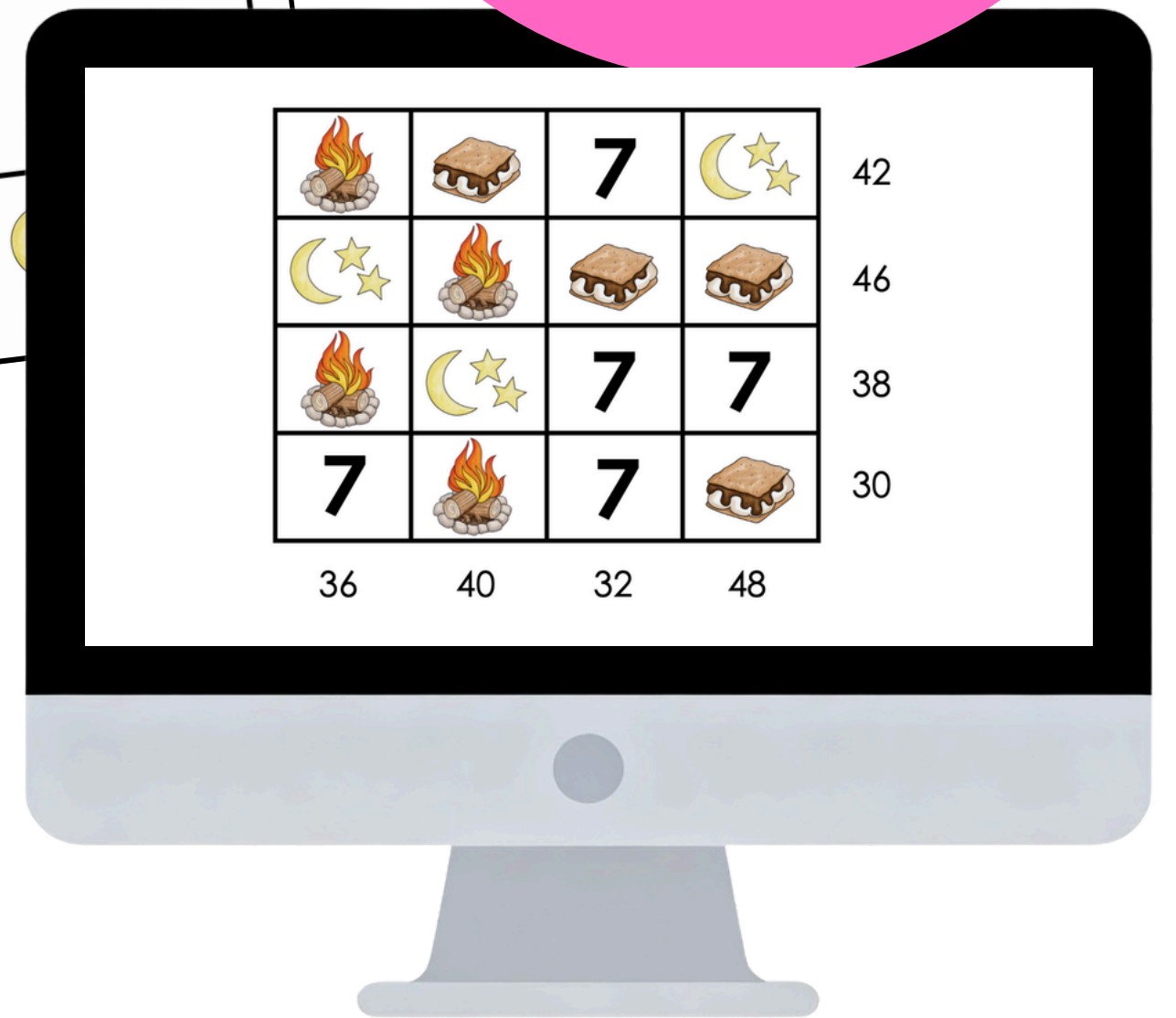
		7		42
				46
		7	7	38
7		7		30
36	40	32	48	












Workspace

 =  = 

Addition Within 50 Puzzles

RIGOROUS
PROBLEM-
SOLVING



		7		42
				46
		7	7	38
7		7		30
36	40	32	48	

What's Included?

- 20 Logic Puzzles in both **printable and digital** formats with **sums to 50**
- 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

**TRICKIER
THAN THEY LOOK**

Addition Puzzle 4 Name: _____

		5		36
5				26
5				45
		5		43
34	45	31	40	

Workspace

Name: _____

		7		42
				46
		7	7	38
7		7		30
36	40	32	48	

Workspace

= = =

Addition Within 50 Puzzles © Shelley Gray

Addition Puzzle 15 Name: _____

				18
14	14		14	45
				50
				40
39	45	34	35	

Workspace

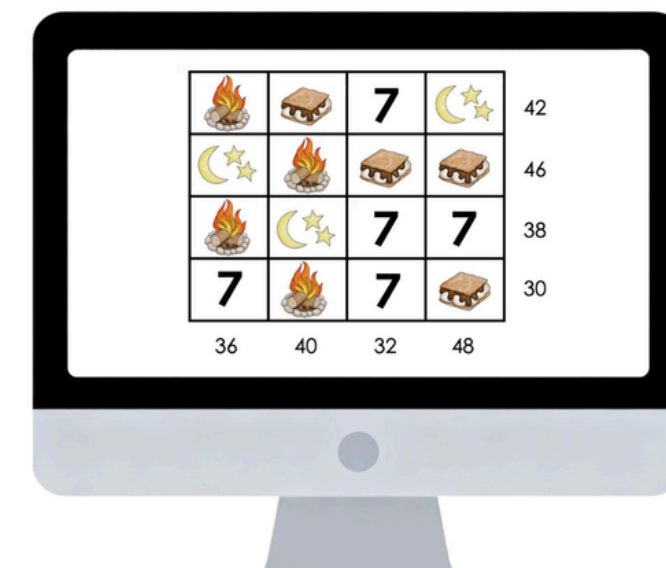
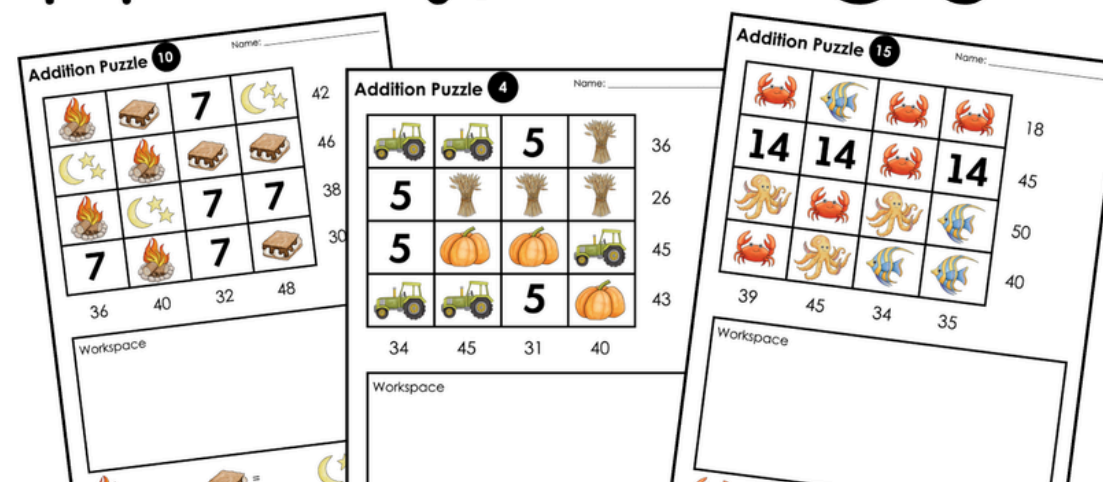
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Ready to make
logical, critical
thinking a part of
your daily routine?

FOUR-BY-FOUR LOGIC PUZZLES

Addition Within 50



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DIGITAL & PRINTABLE