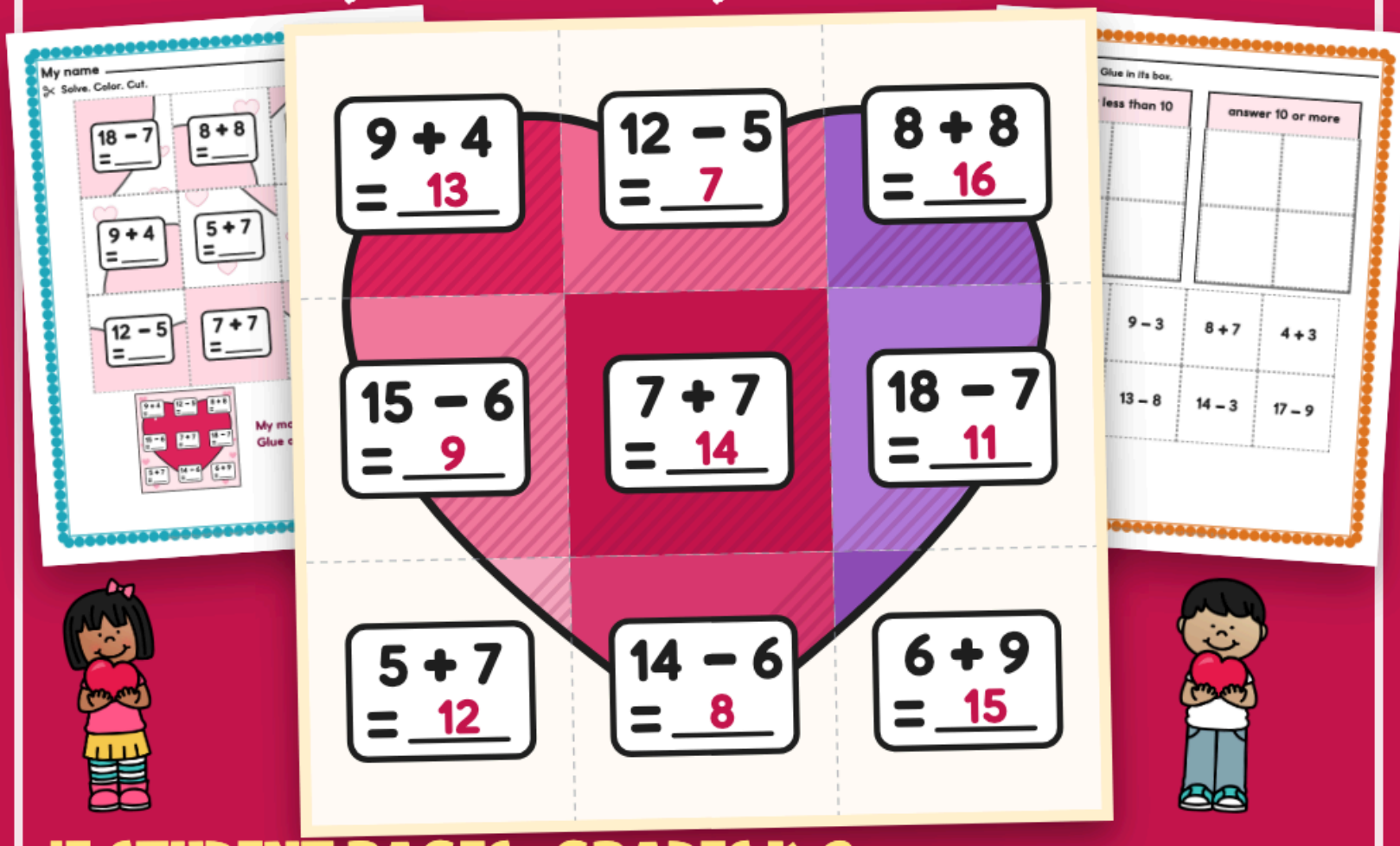
# VALENTINES DAY MATH CRAFT

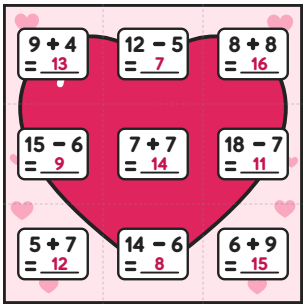
## Cut and Glue Heart
## Add, Subtract, Place Value



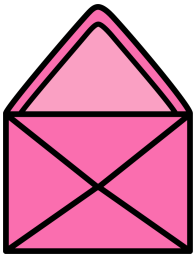

**15 STUDENT PAGES · GRADES K-2**

Bright Path Sped

# Valentines Day Math Craft: Start Here





## What's inside

- How to make it (page 3) and a math words page with trace-and-write lines for 6 words (page 4)
- The math heart craft on 3 levels: each level has a tile page (9 tiles to solve, color and cut), a glue page with a number in each of its 9 boxes, and a recording sheet with room to show your work. Level 1 (pages 5-7): add within 10. Level 2 (pages 8-10): add and subtract within 20. Level 3 (pages 11-13): tens and ones.
- Sort 8 problem cards by their answers (page 14), count the hearts in ten-frames (page 15), make my own heart with a number sentence (page 16) and a heart story (page 17)
- A class data page with the answer key (page 18), a family letter (page 19) and credits (page 20)

## How the craft works

The heart is cut into 9 equal tiles in three columns and three rows, and each tile has a math problem on it. The child solves the problem, writes the answer in the box, colors the tile (it is a black-and-white outline), and cuts along the straight lines. The answer is the number of the glue box: the child glues the tile in the box with that number. When every answer is right the tiles make one whole heart, so the craft checks itself. A small picture of the finished heart is on the page. The glue boxes are exactly the size of the tiles. Card stock works best for the glue pages. Print the tile pages in color, or in black and white for children to color.

## Three levels (the small shape beside the name line)

- The small circle, square or triangle by the name line only marks the level of the page. It is not a lesson about that shape.
- Circle: add within 10 (answers 2 to 10). Square: add and subtract within 20 (answers 7 to 16). Triangle: tens and ones (the number the tens and ones make).
- Easier: a partner who holds the glue stick, or a ten-frame (page 15) for counting on. Harder: the sort (page 14), then make my own heart and the heart story.

## A five-day plan

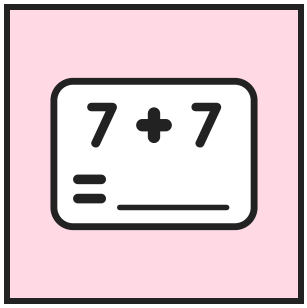
- Day 1: math words and how to make it (pages 4 and 3); count the hearts (page 15). Day 2: solve, color and cut the tiles for the child's level.
- Day 3: glue the heart on its numbered boxes and check it against the picture. Day 4: the recording sheet for the same level (it shows the same problems with room to work), then the sort (page 14).
- Day 5: make my own heart, the heart story (pages 16-17); send home the family letter. You need crayons, scissors and glue sticks. The answers are on page 18.

PREVIEW

My name _____

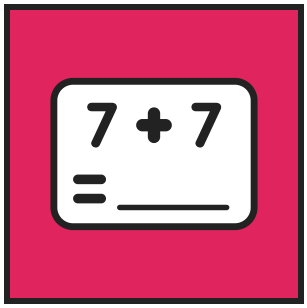
Make a math heart.

**1**



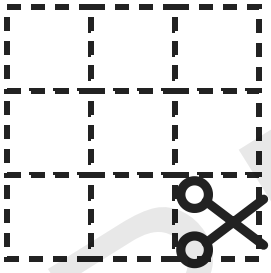

Solve the problem. Write the answer.

**2**




Color the tile.

**3**

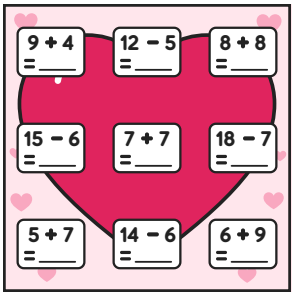


Cut along the lines.

**4**




Glue it in the box with your answer.




**Right answers make a whole heart!**

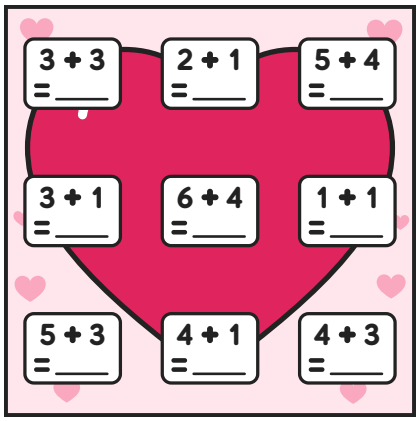
PREVIEW

My name _____

Solve. Color. Cut.

| | | |
|---|---|---|
| 1 + 1 = ____ | 5 + 4 = ____ | 4 + 3 = ____ |
| 3 + 3 = ____ | 5 + 3 = ____ | 3 + 1 = ____ |
| 2 + 1 = ____ | 6 + 4 = ____ | 4 + 1 = ____ |

PREVIEW

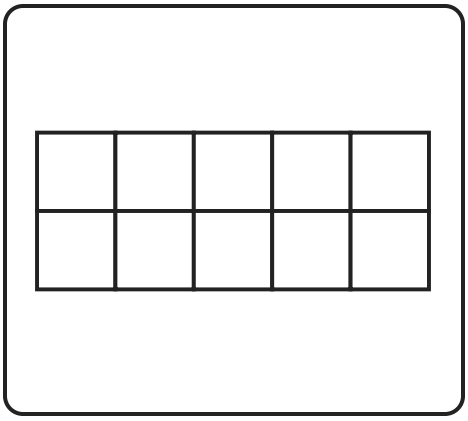



**My math heart.**
**Glue on page 6.**

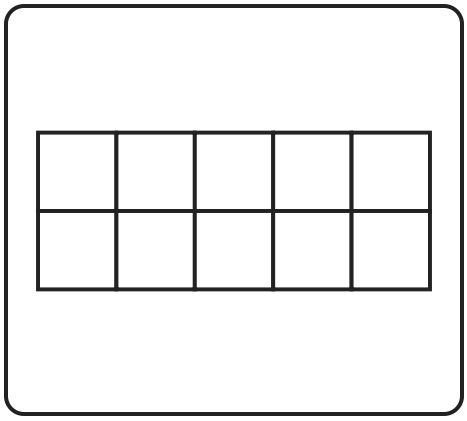
My name _____

Show how you solved it.

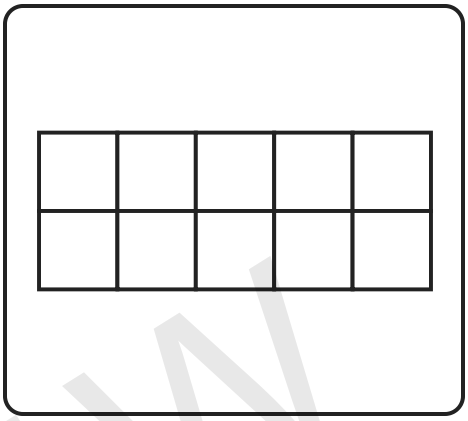
1. 1 + 1 = ☐



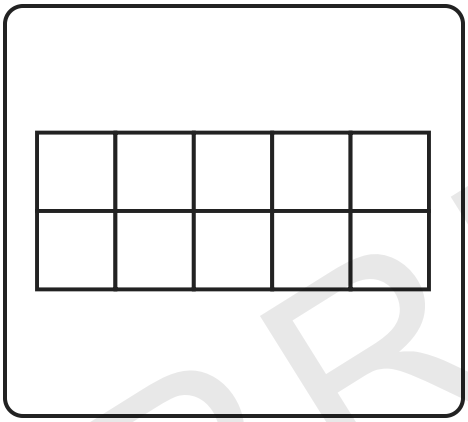
2. 5 + 4 = ☐



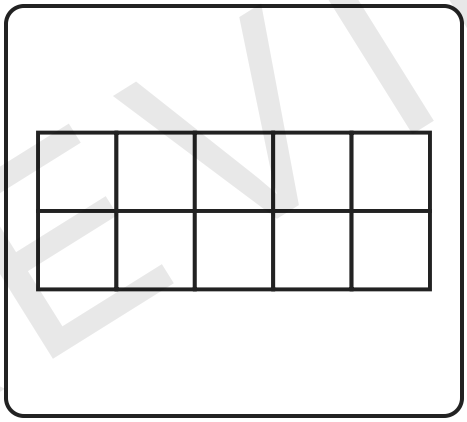
3. 4 + 3 = ☐



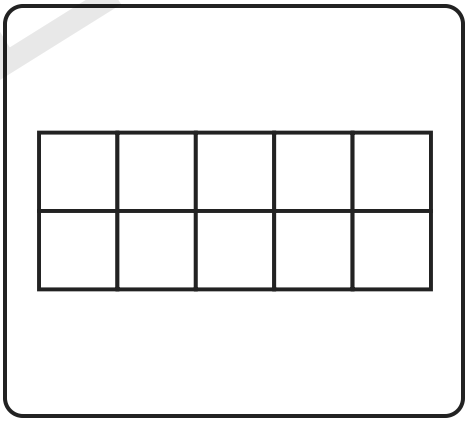
4. 3 + 3 = ☐



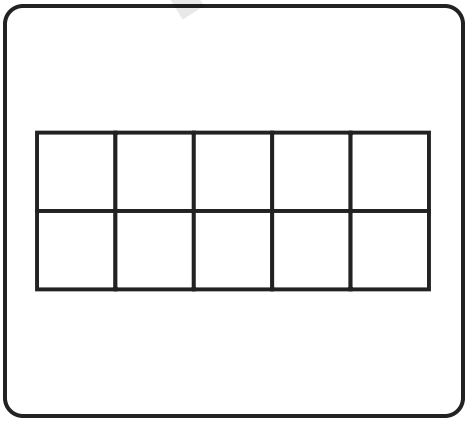
5. 5 + 3 = ☐



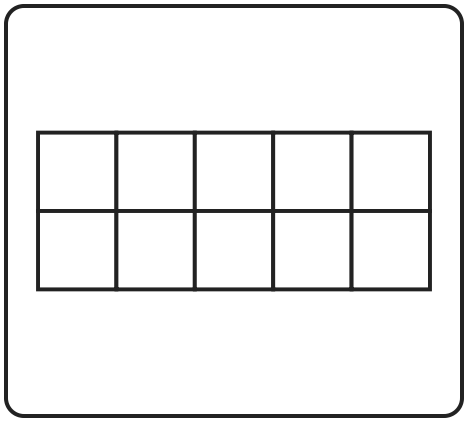
6. 3 + 1 = ☐



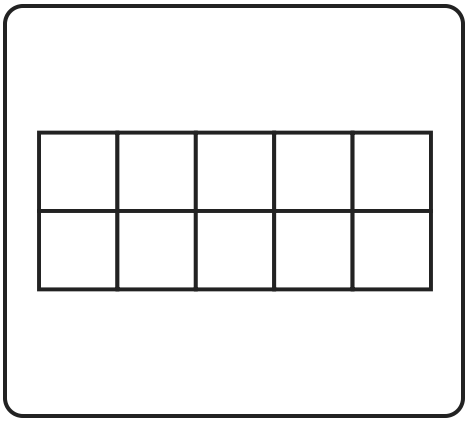
7. 2 + 1 = ☐



8. 6 + 4 = ☐



9. 4 + 1 = ☐



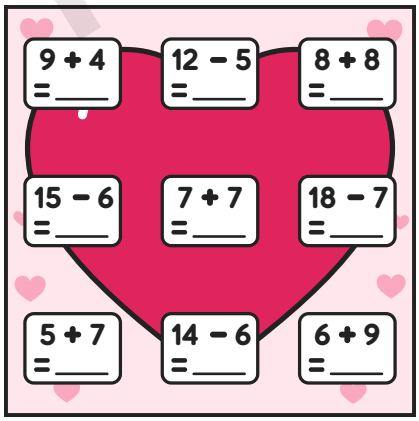
PREVIEW

My name _____

Glue each tile on its answer.

| | | |
|---|---|---|
| 13 | 7 | 16 |
| 9 | 14 | 11 |
| 12 | 8 | 15 |

PREVIEW



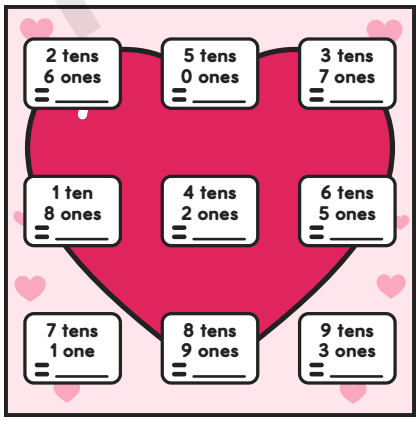

My math heart will look like this.
Tiles on page 8.

My name _____

Glue each tile on its answer.

| | | |
|---|---|---|
| 26 | 50 | 37 |
| 18 | 42 | 65 |
| 71 | 89 | 93 |

PREVIEW




**My math heart will look like this.**
**Tiles on page 11.**

My name _____

Cut. Solve. Glue in its box.

| answer less than 10 | answer 10 or more |
| --- | --- |
| | |

| | | | |
| --- | --- | --- | --- |
| 6 + 5 | 9 – 3 | 8 + 7 | 4 + 3 |
| 9 + 9 | 13 – 8 | 14 – 3 | 17 – 9 |

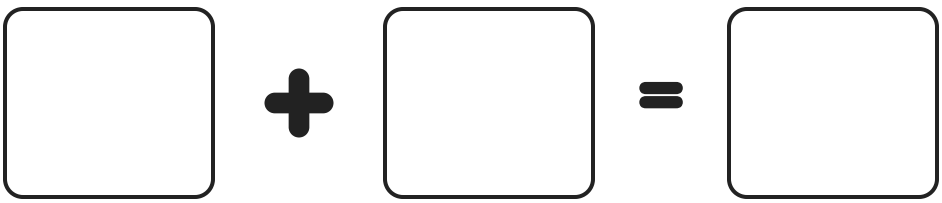
PREVIEW

My name _____

Draw hearts. Write a number sentence.

PREVIEW

## My number sentence



# Who Did What This Week

One row per child. Write the level (1, 2 or 3) and how many tiles were right the first time. The first row is an invented example.

Class: _____ Week of: _____ Teacher: _____

| Student | Level | Tiles right | Record | Sort | Story |
|---|---|---|---|---|---|
| Mia (invented example) | 2 | 8 of 9 | done | 7 of 8 | done |
| | | | | | |
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| | | | | | |

PREVIEW

## Answer key

**Level 1** (pages 5-7), the glue box number is the answer: 3+3=6, 2+1=3, 5+4=9, 3+1=4, 6+4=10, 1+1=2, 5+3=8, 4+1=5, 4+3=7.

**Level 2** (pages 8-10): 9+4=13, 12-5=7, 8+8=16, 15-6=9, 7+7=14, 18-7=11, 5+7=12, 14-6=8, 6+9=15.

**Level 3** (pages 11-13), t = tens, o = ones: 2t 6o=26, 5t 0o=50, 3t 7o=37, 1t 8o=18, 4t 2o=42, 6t 5o=65, 7t 1o=71, 8t 9o=89, 9t 3o=93.

**Sort** (page 14), less than 10: 9-3=6, 4+3=7, 13-8=5, 17-9=8. 10 or more: 6+5=11, 8+7=15, 9+9=18, 14-3=11. **Count the hearts** (page 15), top to bottom: 3, 6, 8, 4, 10, 7. Make my own heart and the heart story (pages 16-17) have many right answers: check that the number sentence matches the hearts drawn.

Next week we will: _____