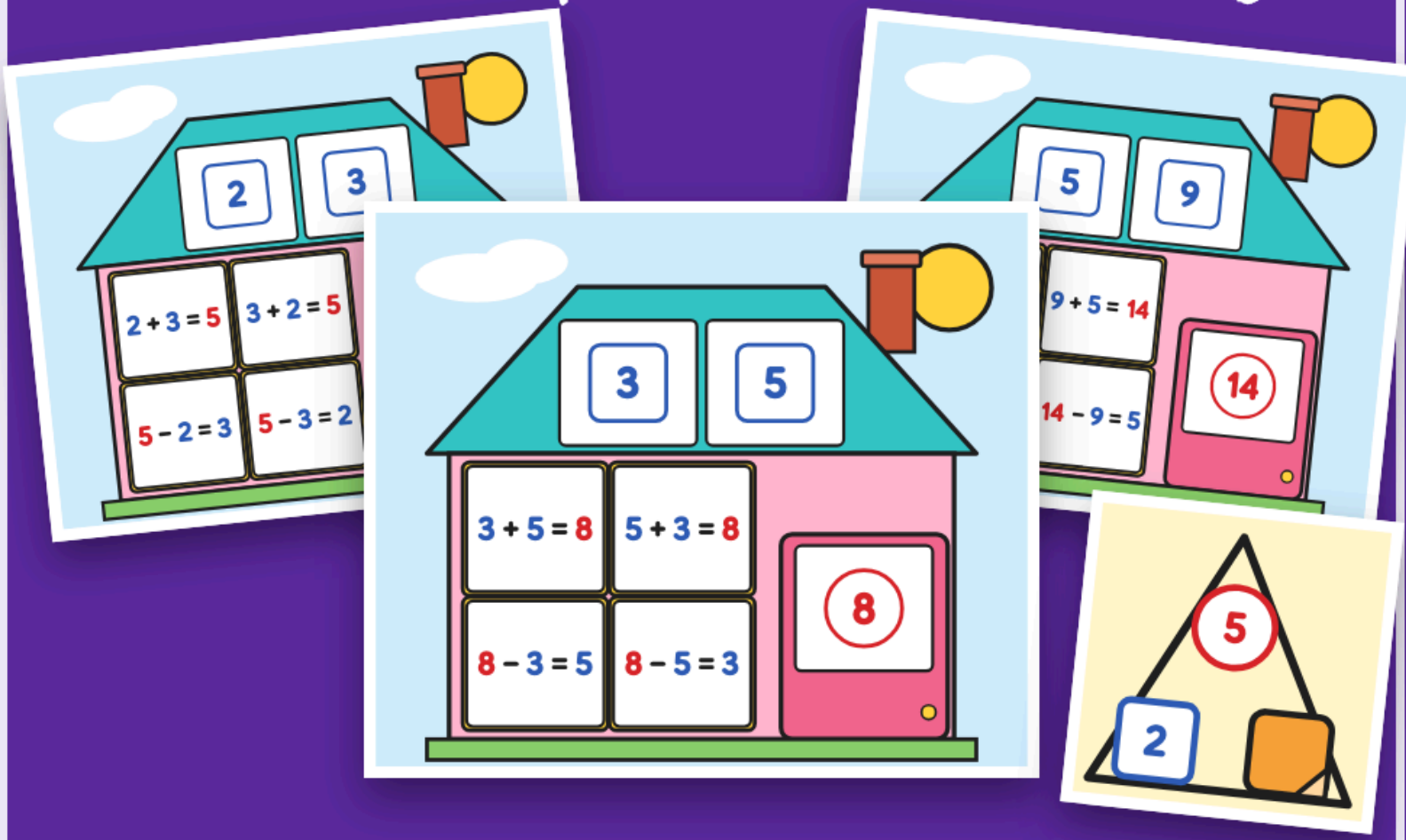
FACT FAMILY CRAFT

6 HOUSES

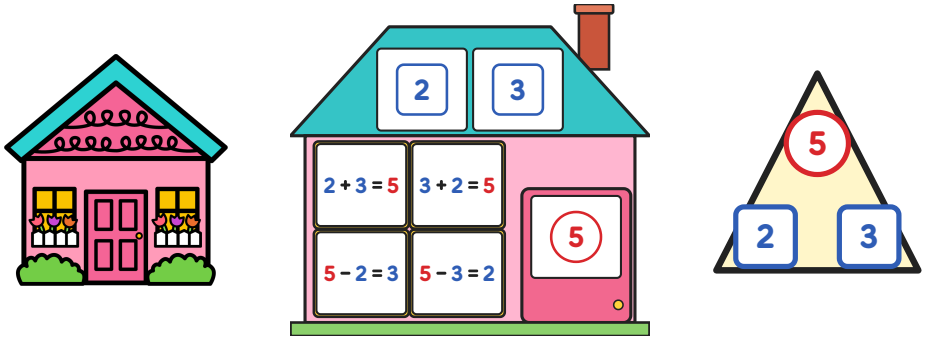
Cut and Glue Paper Houses and Triangles



GRADES 1-2

Bright Path Sped

Fact Family Craft: Start Here



What's inside

- How to make it (page 3), a page to **meet the house** (page 4) and a **math words** page with trace-and-write lines for 6 words (page 5)
- **Six paper houses.** Houses 1 to 3 use sums within 10 (pages 6-11); houses 4 to 6 use sums within 20 (pages 12-17). Each house has a tile page (8 pieces to cut) and a glue page (the empty house, 7 slots)
- **Cut-out houses:** 6 finished house cards to color, cut and pin on a board (page 18)
- **Write your own house** with sums within 10 (page 19) and within 20 (page 20), each with a bank of four number families, and a page of **blank pieces** to write on (page 21)
- **Triangle flip:** 8 triangle cards to cut (page 22), then glue a card and write its four facts, within 10 (page 23) and within 20 (page 24)
- **Bulletin board labels** (6 cards, page 25), a class data page with the answer key (page 26), a family letter (page 27) and credits (page 28)

How the house works

A fact family is the same three numbers used in four facts. In the house, **the roof holds the two parts** (blue squares), **the door holds the whole** (a red circle) and **the four windows hold the four facts**: the two add facts in the top windows and the two subtract facts in the bottom windows. Every glue slot is exactly one piece big and has a ghost clue in it: part, whole, or the shapes of the fact. The tile page has 8 equal pieces in a strip, so each cut is one straight line. 7 pieces go in the house and **one piece is left over**: it is a fact from a different house. The pieces are printed in a mixed order. A picture of the finished house sits on every tile page, so the craft checks itself.

Versions by readiness (the small shape beside the name line)

- **Circle:** houses with sums within 10. **Square:** houses with sums within 20. **Triangle:** write the numbers and facts yourself (write-your-own houses, blank pieces, triangle flip). The shape only marks the page; it is not a lesson about that shape.
- Easier: do one house with a partner and say each fact out loud as it is glued. Harder: the write-your-own houses, then the triangle flip pages. For a class display, pin the cut-out houses (page 18) and your students' glued houses under the labels on page 25.

A five-day plan

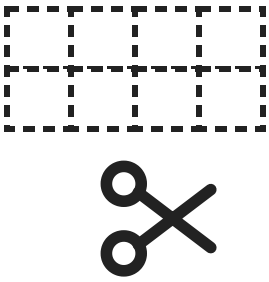
- **Day 1:** math words and meet the house (pages 5 and 4). **Day 2:** cut the tiles for house 1, glue the house, check it against the picture.
- **Day 3:** house 2 or 3. **Day 4:** the sums within 20 houses, or a write-your-own house. **Day 5:** triangle flip, then pin the houses on the board and send home the family letter.
- You need crayons, scissors and glue sticks. Card stock works best for the glue pages. The answers are on page 26.

PREVIEW

My name _____

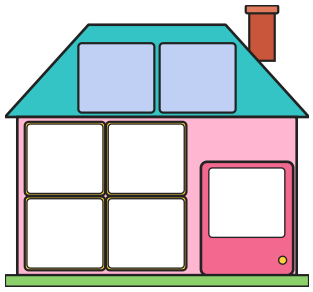
Make a Fact Family Craft.

1



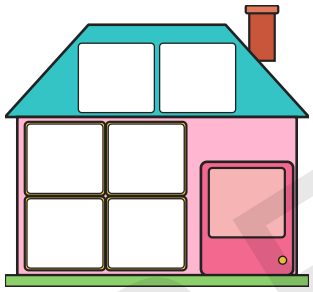
Snip out the pieces. One piece is left over.

2



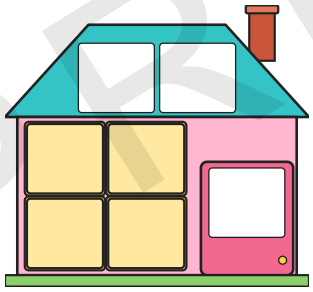
Glue the two parts on the roof.

3

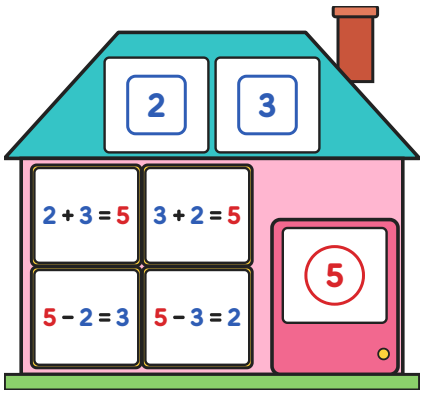


Glue the whole on the door.

4



Glue the four facts in the windows.



Now you have a whole fact family house!

PREVIEW

My name _____

Trace the word. Write it.



part



whole



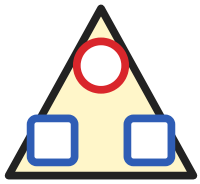
add



subtract

2 + 3 = 5

fact

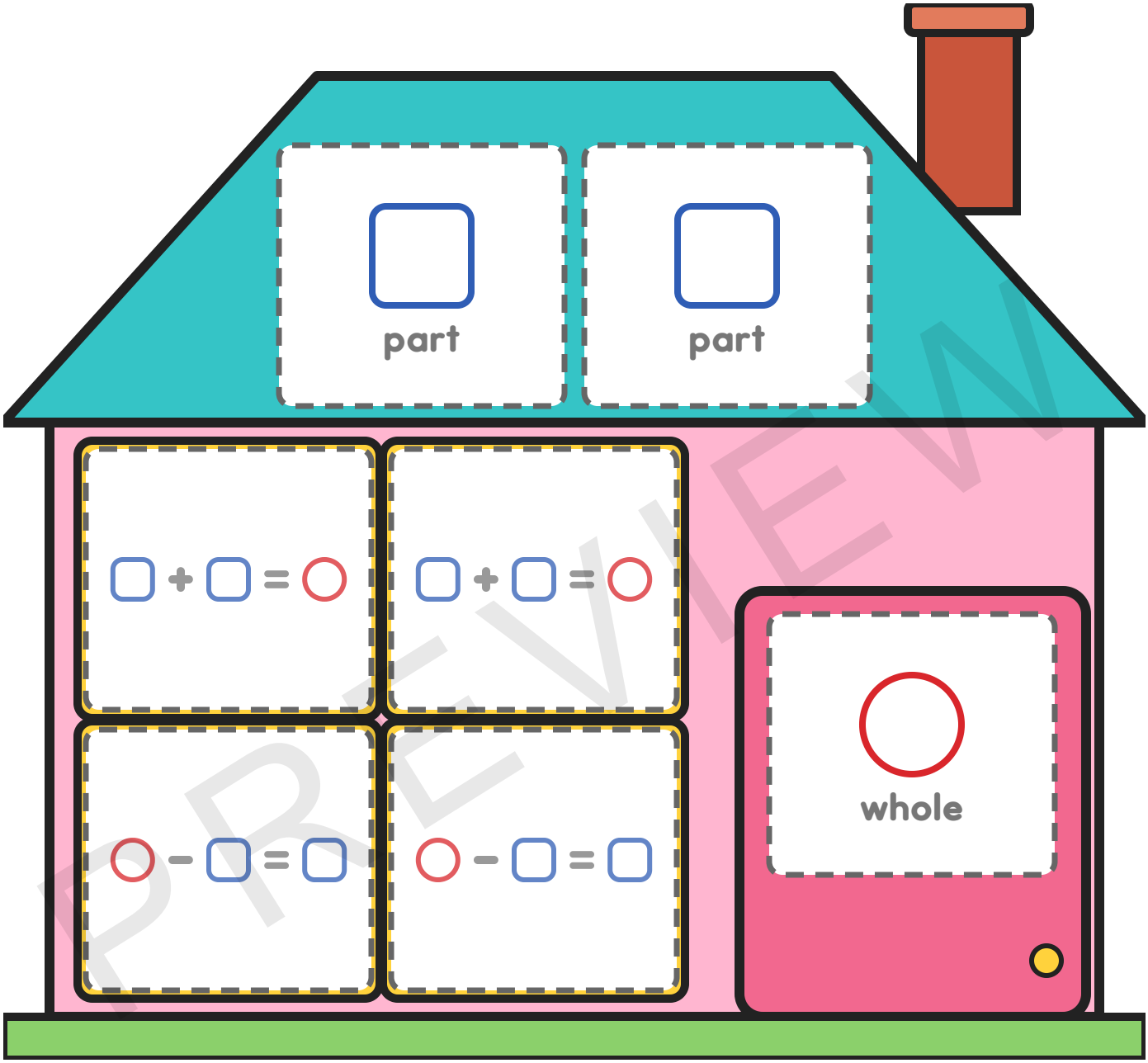


family

PREVIEW

My name _____

Glue each piece in its place.



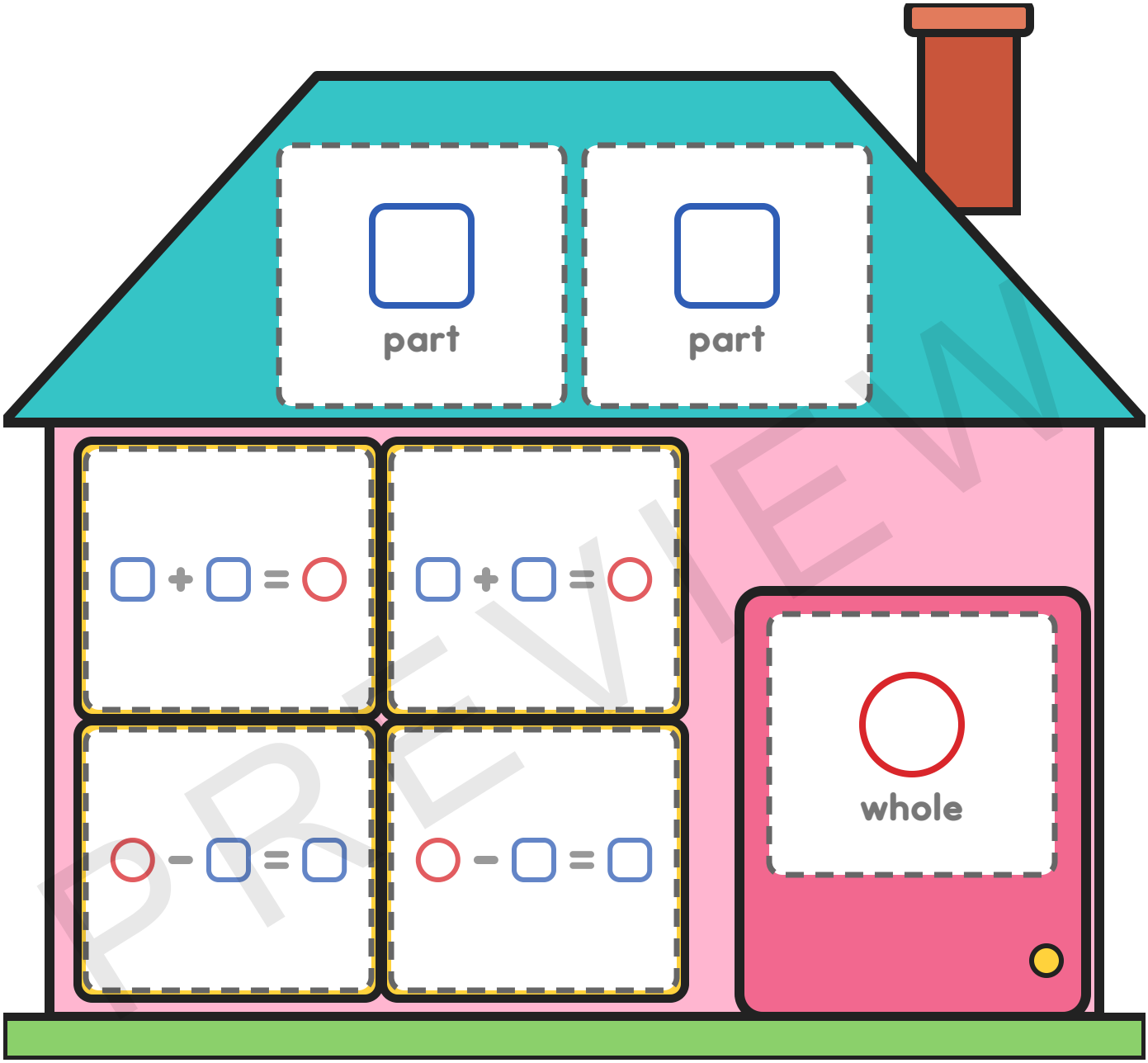
Do the parts add to the whole? yes ◯ no ◯

The parts are ☐ and ☐ . The whole is ☐

PREVIEW

My name _____

Glue each piece in its place.



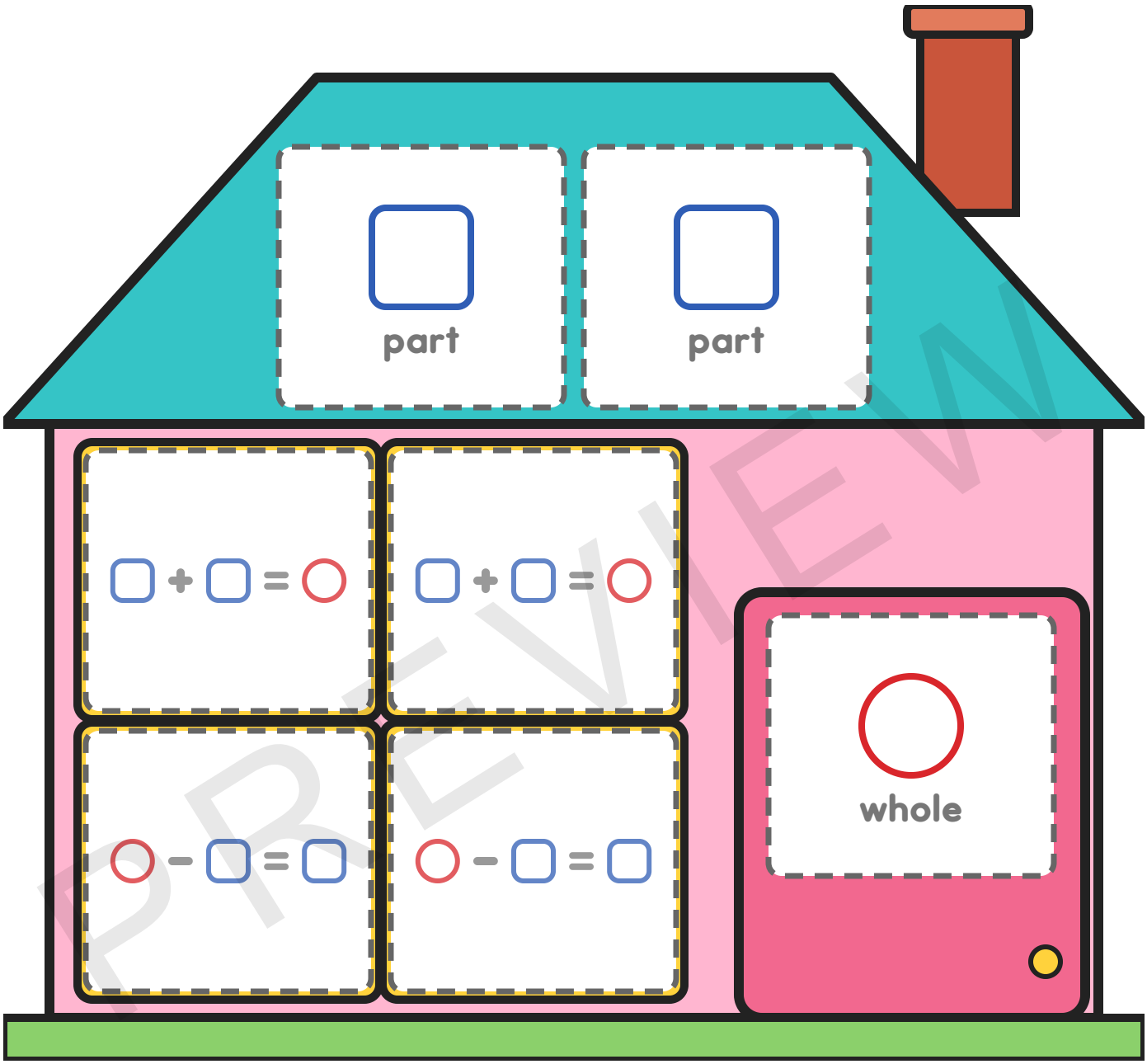
PREVIEW

Do the parts add to the whole? yes ◯ no ◯

The parts are ☐ and ☐ . The whole is ☐

My name _____

Glue each piece in its place.



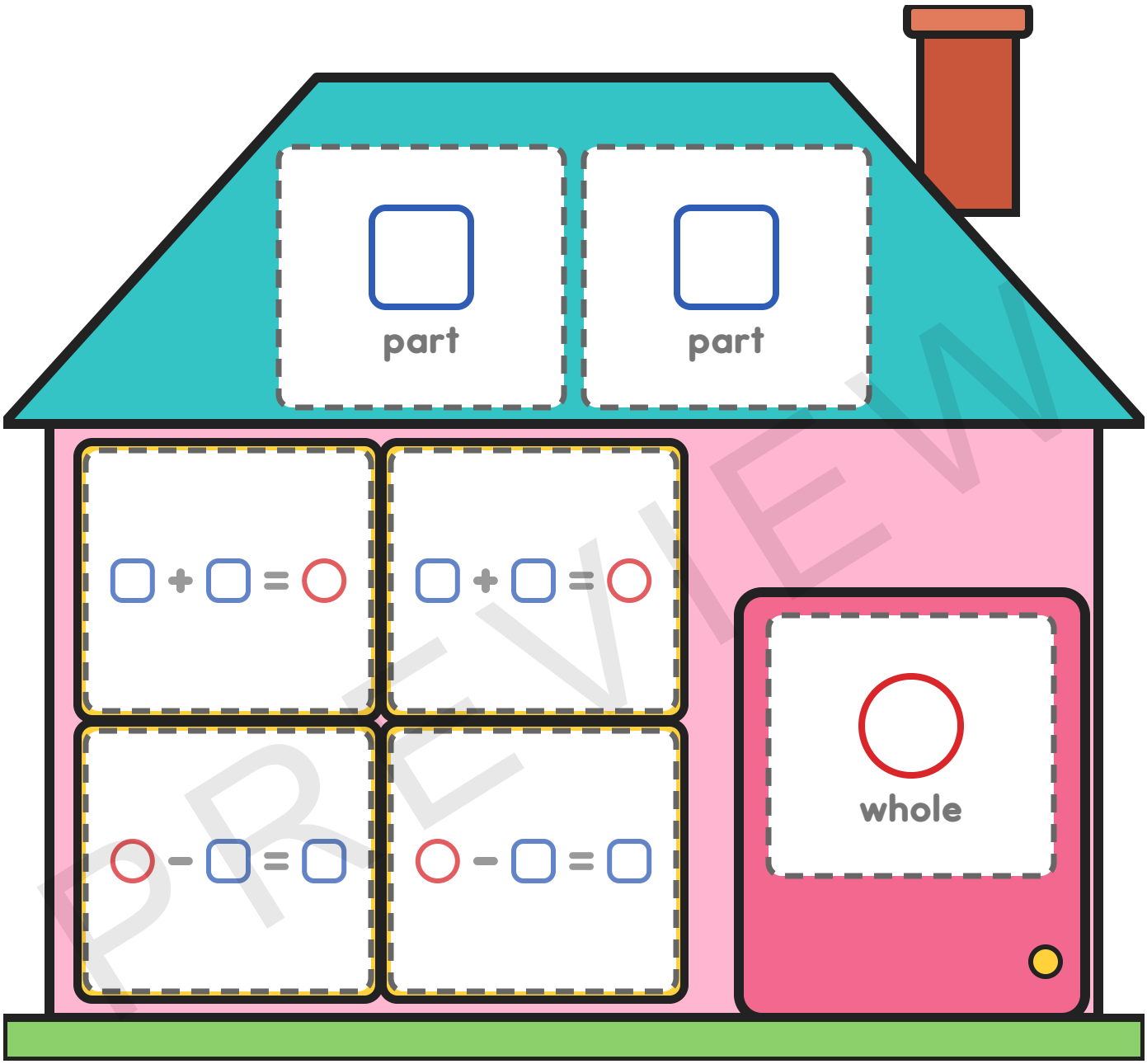
PREVIEW

Do the parts add to the whole? yes ◯ no ◯

The parts are ☐ and ☐ . The whole is ☐

My name _____

Glue each piece in its place.



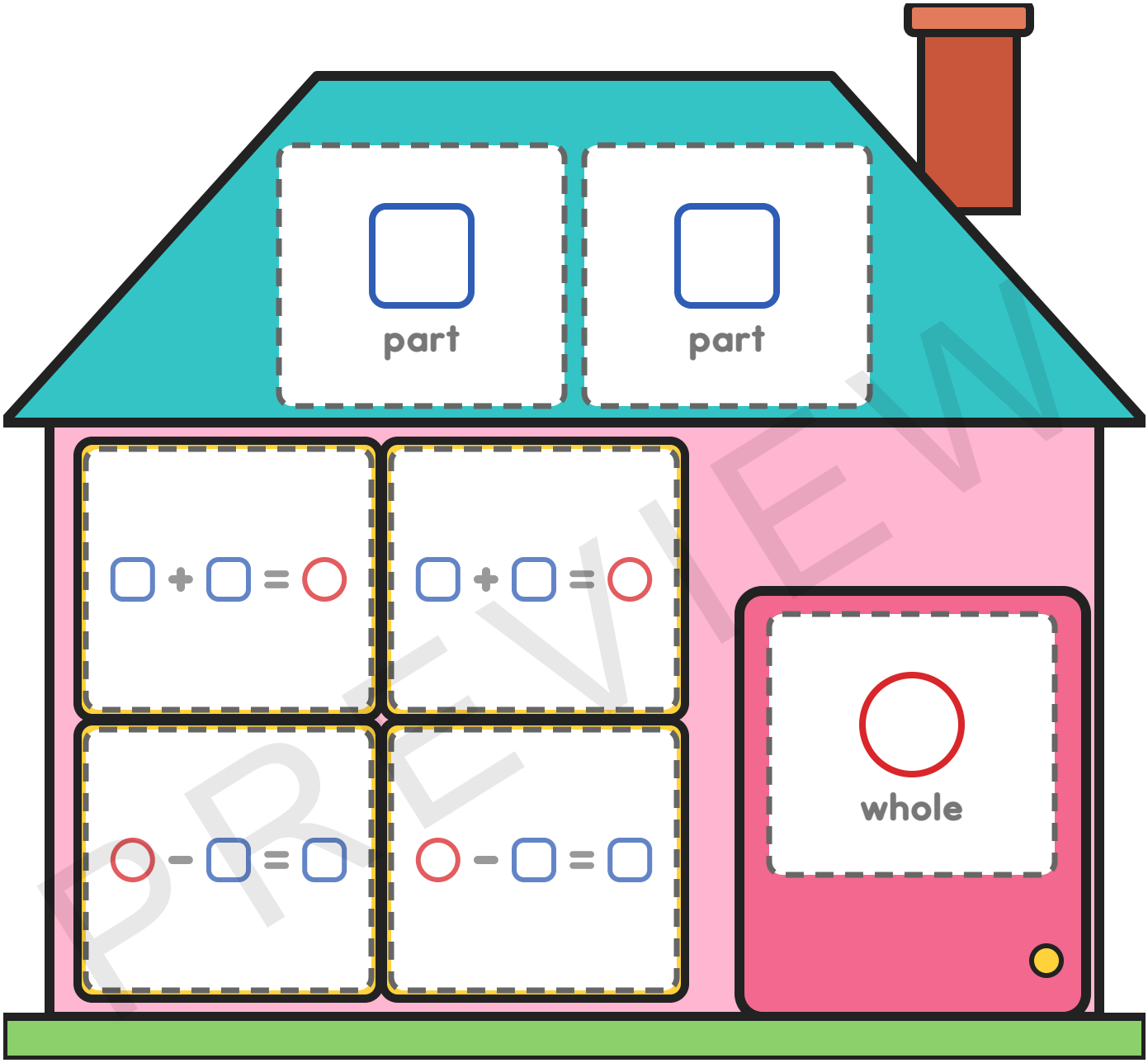
PREVIEW

Do the parts add to the whole? yes ◯ no ◯

The parts are ☐ and ☐ . The whole is ☐

My name _____

Glue each piece in its place.



PREVIEW

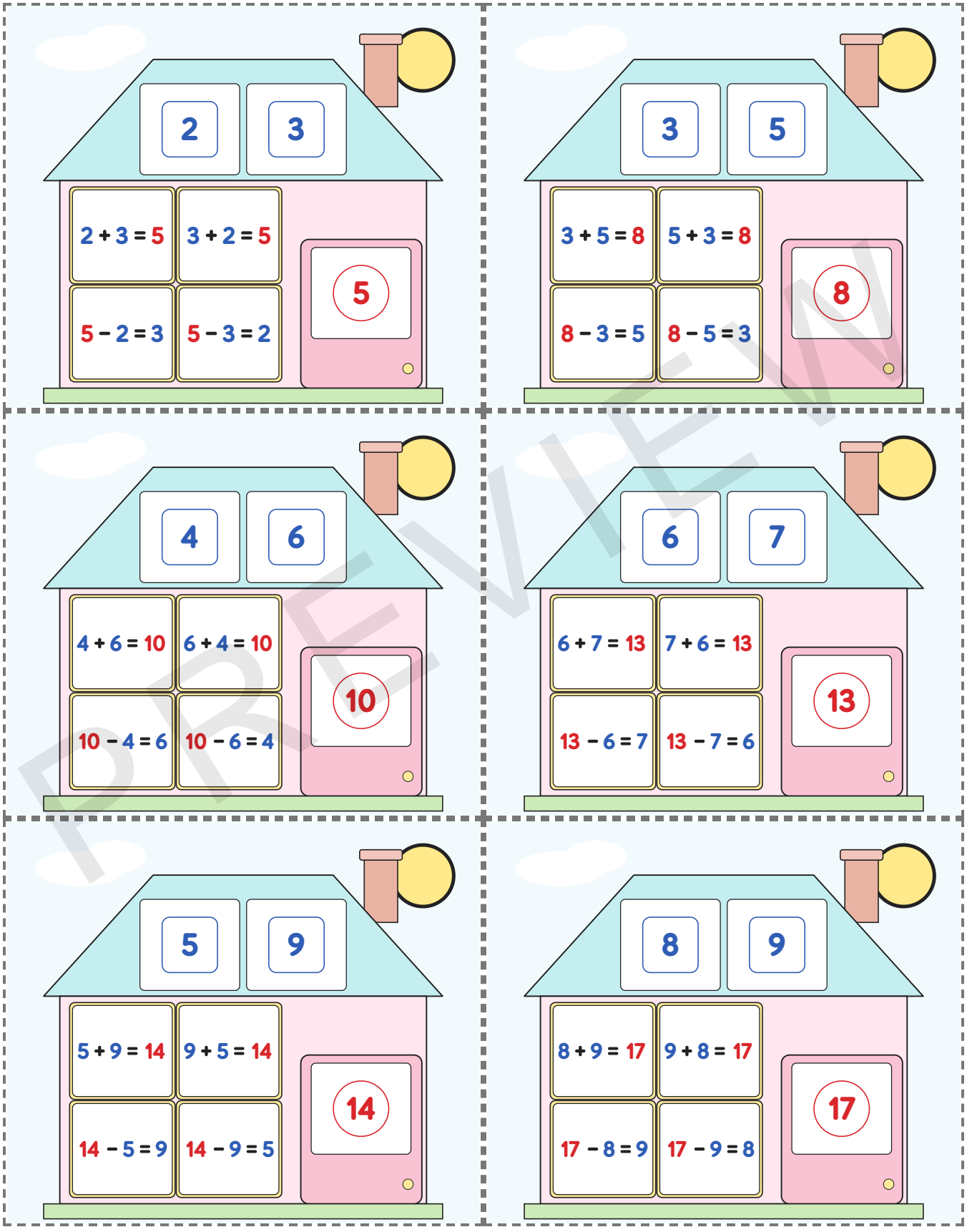
Do the parts add to the whole? yes ◯ no ◯

The parts are ☐ and ☐ . The whole is ☐

Preview · Bright Path Seed

My name _____

Color the houses. Cut. Glue them on the board.

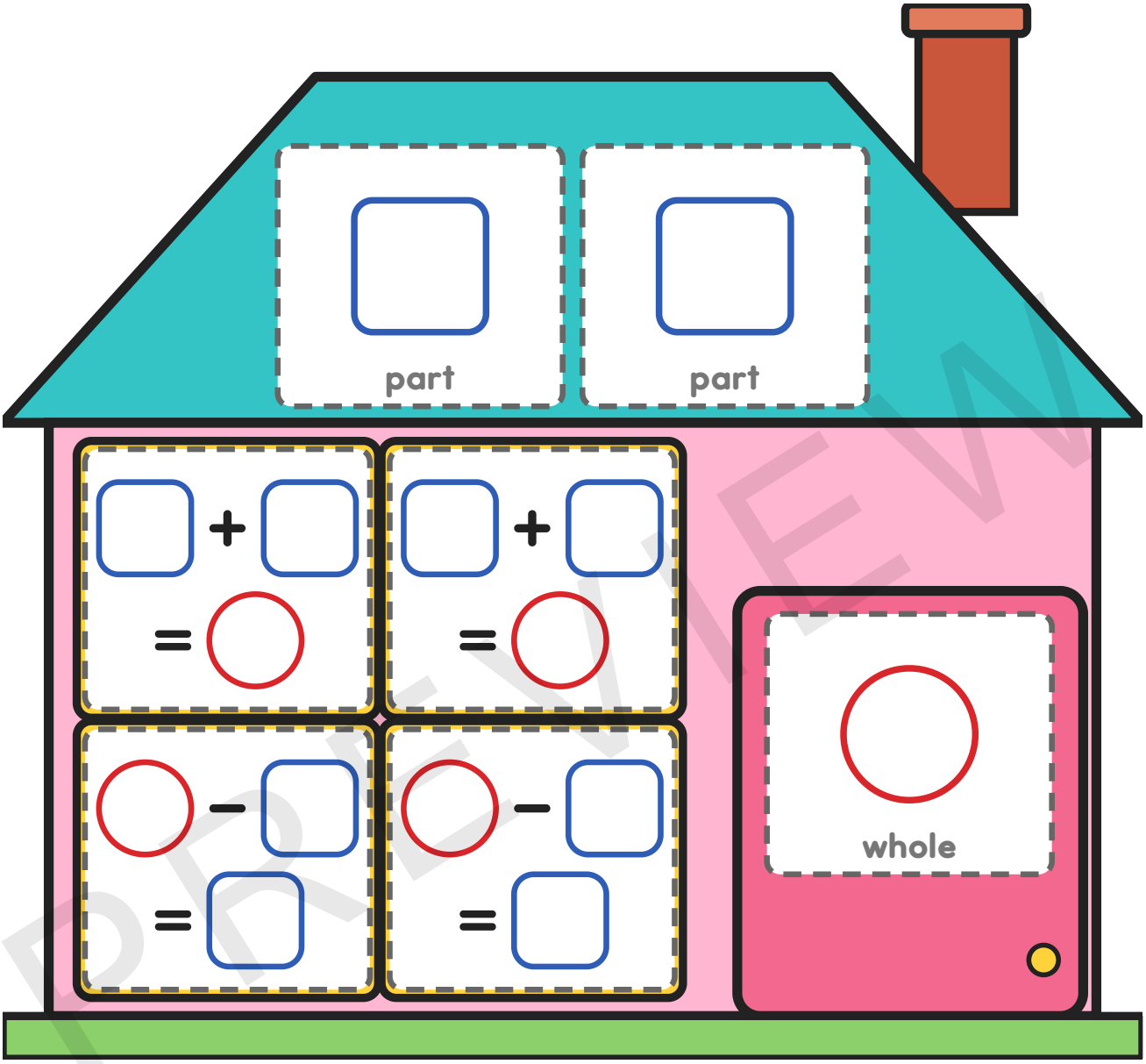


PREVIEW

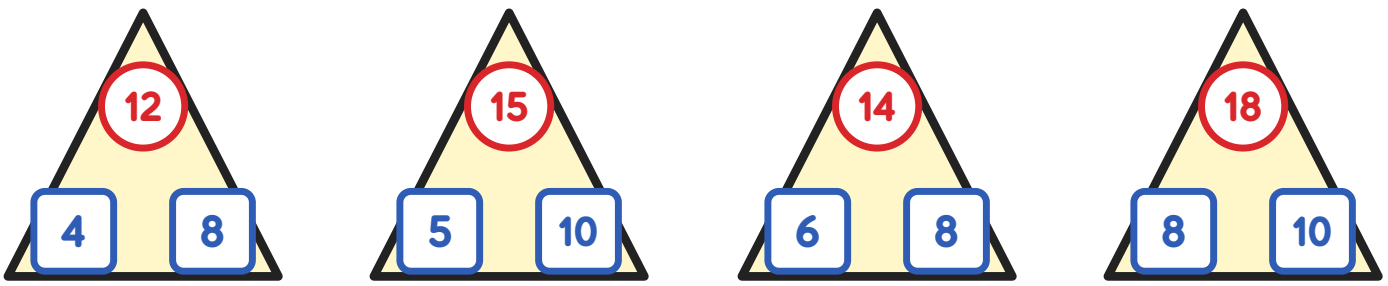
Preview · Bright Path Sped

My name _____

Pick a family. Write the numbers.



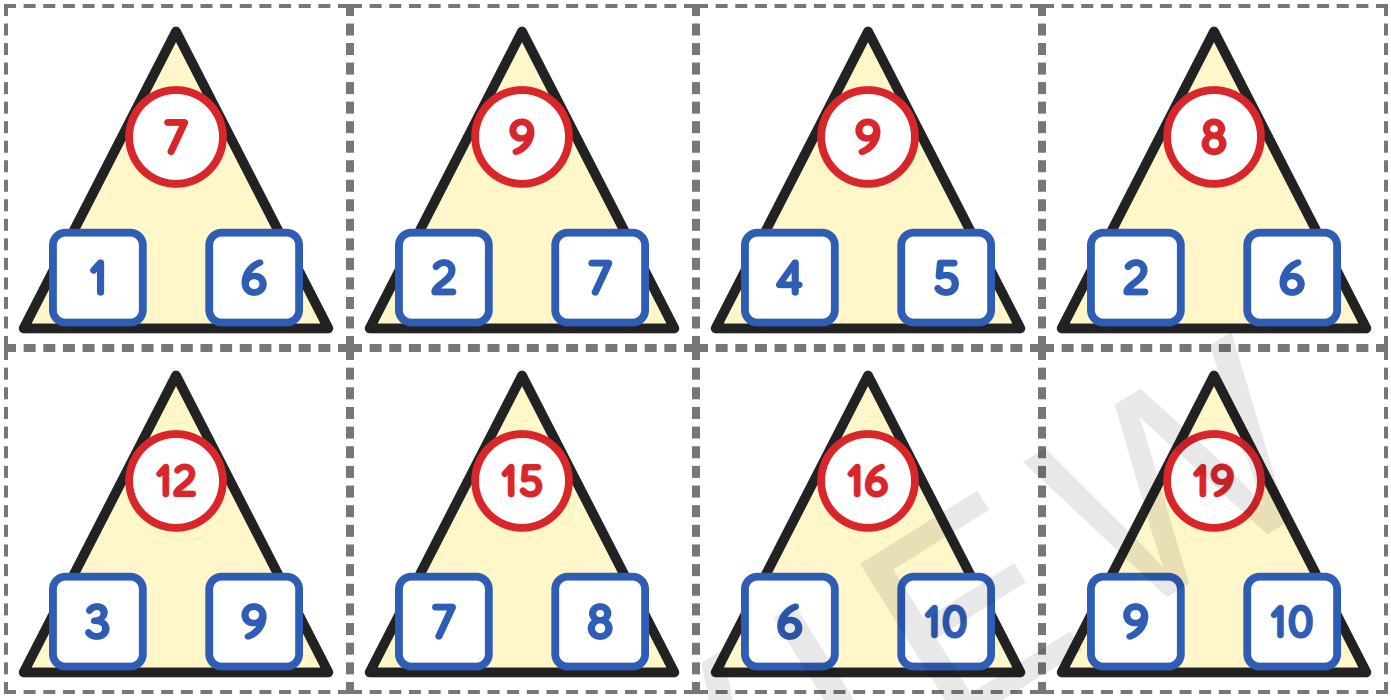
Pick one family from the bank.



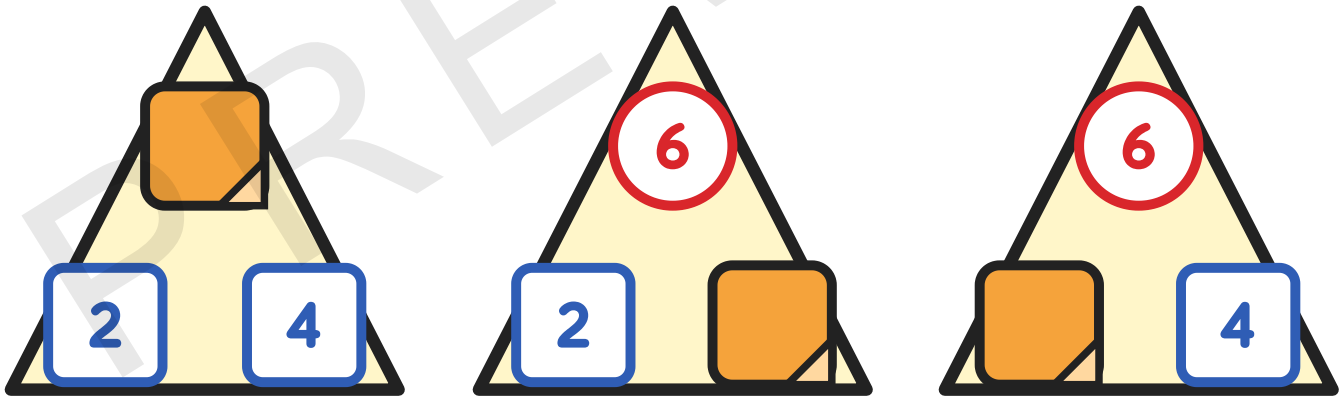
PREVIEW

My name _____

Cut the triangle cards.



Cover one corner with a finger. What number is hiding? Say the fact.



2 + 4 = ☐ 6 − 2 = ☐ 6 − 4 = ☐

Top row: glue on page 23. Bottom row: glue on page 24.

PREVIEW

My name _____

Glue a triangle. Write its four facts.



□ + □ = □ □ + □ = □

□ − □ = □ □ − □ = □



□ + □ = □ □ + □ = □

□ − □ = □ □ − □ = □



□ + □ = □ □ + □ = □

□ − □ = □ □ − □ = □



□ + □ = □ □ + □ = □

□ − □ = □ □ − □ = □

PREVIEW

Who Did What This Week

One row per child. Write which house, the version (glue, write or triangle), how many pieces were right the first time (7 pieces go in a house) and how many facts were written. The first row is an invented example.

Class: _____ Week of: _____ Teacher: _____

Student	House	Version	Pieces right	Facts written	Notes
Mia (invented example)	3, 5, 8	glue	6 of 7	4 of 4	

Answer key

House 1 (2, 3, 5): roof 2 and 3, door 5, windows 2 + 3 = 5, 3 + 2 = 5, 5 - 2 = 3, 5 - 3 = 2.
House 2 (3, 5, 8): roof 3 and 5, door 8, windows 3 + 5 = 8, 5 + 3 = 8, 8 - 3 = 5, 8 - 5 = 3.
House 3 (4, 6, 10): roof 4 and 6, door 10, windows 4 + 6 = 10, 6 + 4 = 10, 10 - 4 = 6, 10 - 6 = 4.
House 4 (6, 7, 13): roof 6 and 7, door 13, windows 6 + 7 = 13, 7 + 6 = 13, 13 - 6 = 7, 13 - 7 = 6.
House 5 (5, 9, 14): roof 5 and 9, door 14, windows 5 + 9 = 14, 9 + 5 = 14, 14 - 5 = 9, 14 - 9 = 5.
House 6 (8, 9, 17): roof 8 and 9, door 17, windows 8 + 9 = 17, 9 + 8 = 17, 17 - 8 = 9, 17 - 9 = 8.

Triangle flip, sums within 10 (page 23; the whole is the biggest number, parts, whole):
Card 1, 1, 6, 7: 1 + 6 = 7, 6 + 1 = 7, 7 - 1 = 6, 7 - 6 = 1
Card 2, 2, 7, 9: 2 + 7 = 9, 7 + 2 = 9, 9 - 2 = 7, 9 - 7 = 2
Card 3, 4, 5, 9: 4 + 5 = 9, 5 + 4 = 9, 9 - 4 = 5, 9 - 5 = 4
Card 4, 2, 6, 8: 2 + 6 = 8, 6 + 2 = 8, 8 - 2 = 6, 8 - 6 = 2

Triangle flip, sums within 20 (page 24):
Card 5, 3, 9, 12: 3 + 9 = 12, 9 + 3 = 12, 12 - 3 = 9, 12 - 9 = 3
Card 6, 7, 8, 15: 7 + 8 = 15, 8 + 7 = 15, 15 - 7 = 8, 15 - 8 = 7
Card 7, 6, 10, 16: 6 + 10 = 16, 10 + 6 = 16, 16 - 6 = 10, 16 - 10 = 6
Card 8, 9, 10, 19: 9 + 10 = 19, 10 + 9 = 19, 19 - 9 = 10, 19 - 10 = 9

Meet the house (page 4): parts 1 and 4, whole 5. **Covered triangles** (page 22): 2 + 4 = 6, 6 - 2 = 4, 6 - 4 = 2. **Family letter** (page 27): the whole is 7; the other part is 3. **Write your own** (pages 19-20) and **blank pieces** (page 21): any family from the bank works if the two parts add to the whole and the facts match.

Next week we will: _____

PREVIEW