

COMPOSE & DECOMPOSE

LABORATORY · L5

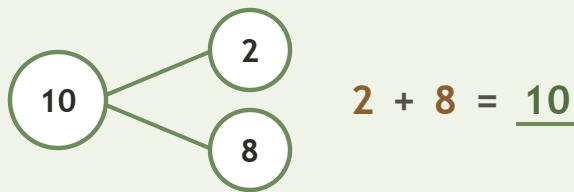
Part-Part-Whole • Explain

Objective: *Prove the parts rebuild the whole.*

DO THIS Add the two parts. Do they make the whole?

PROVE Put the parts together.

EXAMPLE



COMPLETE AND CHECK Find the part, then check.

1 $1 + \square = 10$
 $10 - 1 = \square$

2 $4 + \square = 10$
 $10 - 4 = \square$

3 $5 + \square = 10$
 $10 - 5 = \square$

ON THE FRAME Build the whole two ways.

1

$2 + \square = 10$

2

$1 + \square = 10$

Two parts make: the same whole different ways ten

COMPOSE & DECOMPOSE

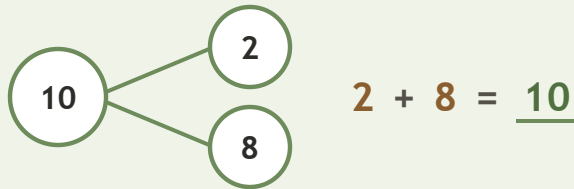
Part-Part-Whole • Explain

Objective: *Prove the parts rebuild the whole.*

DO THIS Add the two parts. Do they make the whole?

PROVE Put the parts together.

EXAMPLE



COMPLETE AND CHECK Find the part, then check.

1

$$1 + \underline{9} = 10$$

$$10 - \underline{1} = \underline{9}$$

2

$$4 + \underline{6} = 10$$

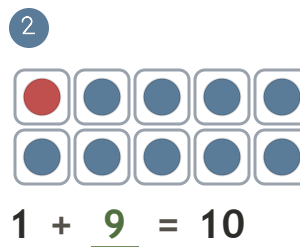
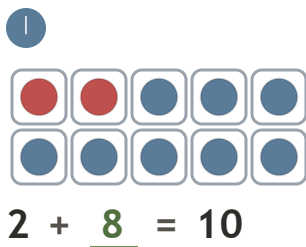
$$10 - \underline{4} = \underline{6}$$

3

$$5 + \underline{5} = 10$$

$$10 - \underline{5} = \underline{5}$$

ON THE FRAME Build the whole two ways.



TEACHER NOTES Answer key & guidance

Answers: see page

Common error: Accepting an answer without checking it.

Strategy: Accept matching, counting, or rebuilding as valid proof.

Prompt: "Show me how you know."

Two parts make: the same whole different ways ten