

COMPOSE & DECOMPOSE

QUARTER 4 • WEEK 29

Missing Number Equations • Strategy

Objective: *List every way to make 10.*

DO THIS Find all the partners that make 10.

STRATEGY: ALL THE PAIRS Be organized: 0, 1, 2 ...

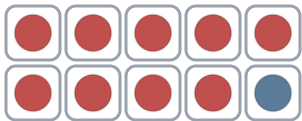
$0 + \square = 10$ $1 + \square = 10$ $2 + \square = 10$ $3 + \square = 10$

$4 + \square = 10$ $5 + \square = 10$ $6 + \square = 10$ $7 + \square = 10$

$8 + \square = 10$ $9 + \square = 10$ $10 + \square = 10$

SHOW TWO WAYS Make the whole two different ways.

1



$9 + \square = 10$

2



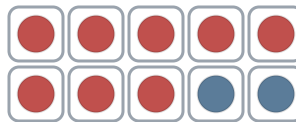
$6 + \square = 10$

3



$7 + \square = 10$

4



$8 + \square = 10$

Two parts make: the same whole different ways ten

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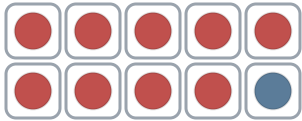
$$0 + \underline{10} = 10 \quad 1 + \underline{9} = 10 \quad 2 + \underline{8} = 10 \quad 3 + \underline{7} = 10 \quad 4 + \underline{6} = 10$$

$$5 + \underline{5} = 10 \quad 6 + \underline{4} = 10 \quad 7 + \underline{3} = 10 \quad 8 + \underline{2} = 10 \quad 9 + \underline{1} = 10$$

$$10 + \underline{0} = 10$$

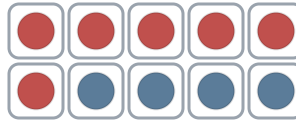
SHOW TWO WAYS Make the whole two different ways.

1



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

2



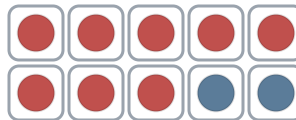
$$6 + \underline{4} = 10$$

3



$$7 + \underline{3} = 10$$

4



$$8 + \underline{2} = 10$$

TEACHER NOTES Answer key & guidance

Answers: see page

Common error: Reverting to count-all instead of the new strategy.

Strategy: Name the strategy and model the worked path first.

Prompt: "Show me how you know."

Two parts make: the same whole different ways ten