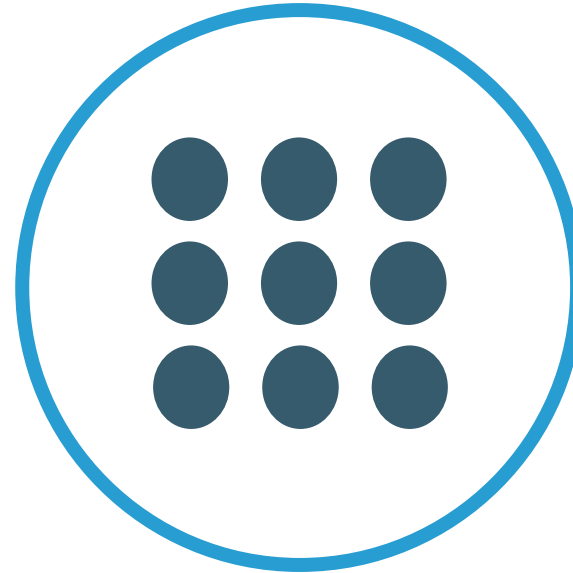
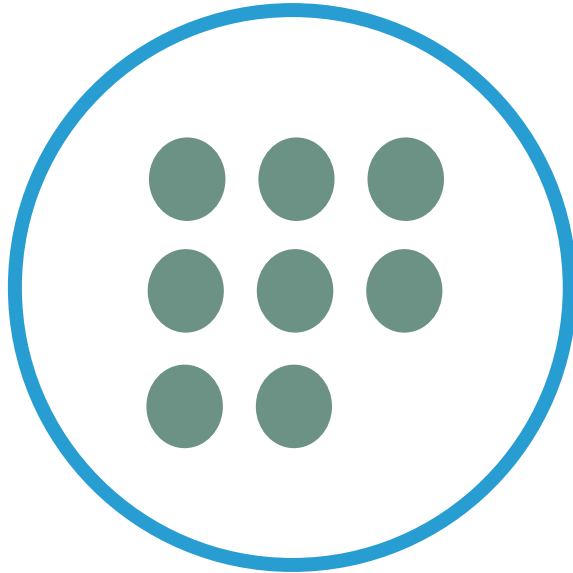


Addition Strategy

Counting All

$$8+9=$$



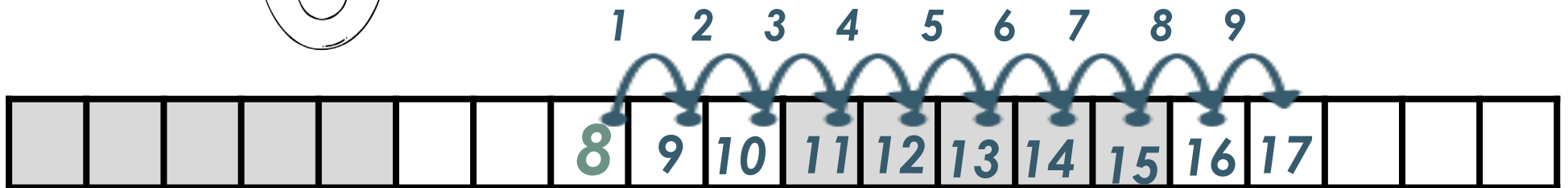
“I make a group of 8 counters and a group of nine. I count all the counters. I have 17 altogether.”

Addition Strategy

Counting On

$$8+9=$$

“8... 9, 10, 11, 12, 13, 14, 15, 16, 17”

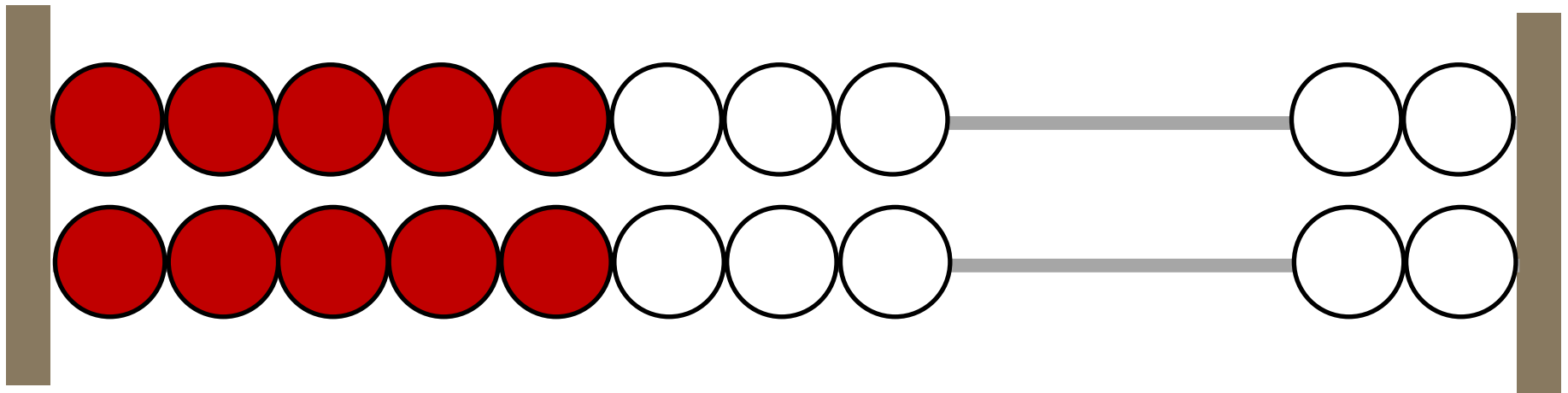


“I start at 8 and count on by ones, 9 more. I got 17. I can use a number path to help me count”

Addition Strategy

Doubles

$$8+8=$$

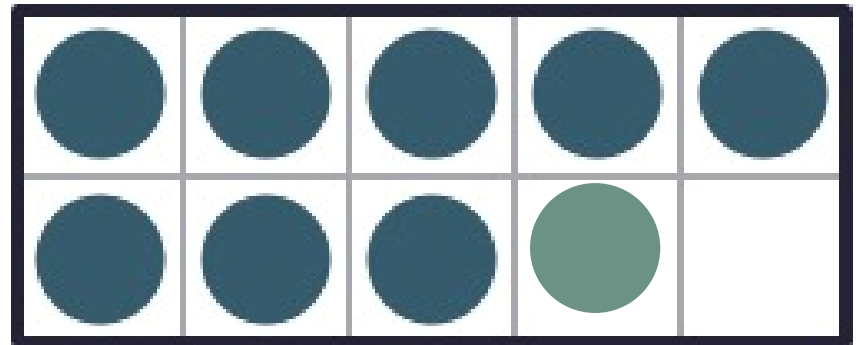
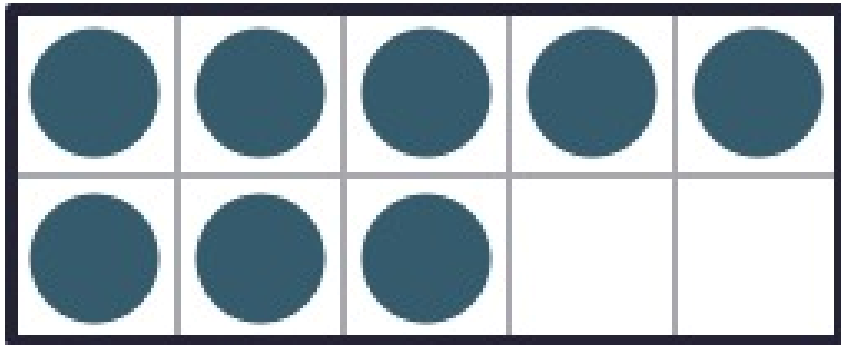


"I think of 8+8 as 5+5=10 and 3+3=6 and 10+6=16."

Addition Strategy

Doubles Plus One

$$8+9=$$



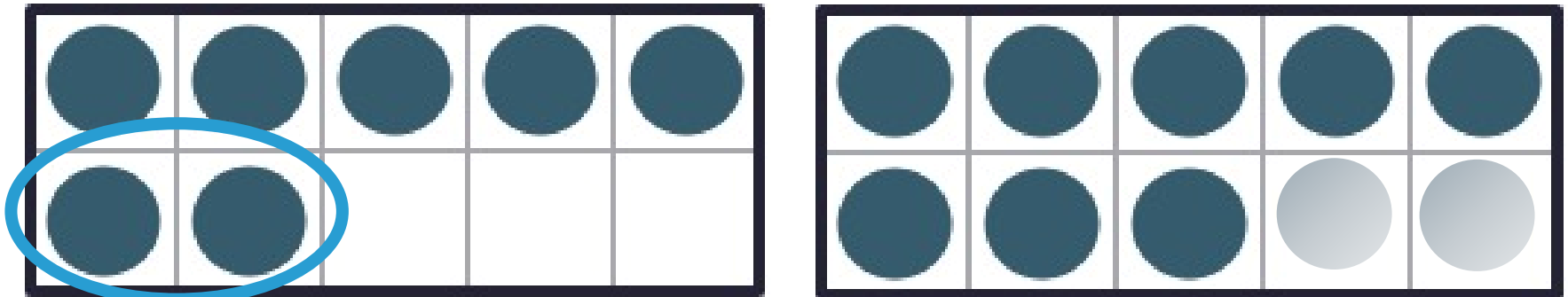
$$8+8+1=17$$

“9 is like 8 and 1. I know my doubles, so I did 8+8 and then added one more because 9 is one more than 8, and the answer was 17.”

Addition Strategy

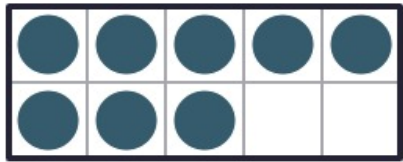
Making Tens

$$7+8=$$



"I know that if I add 2 to 8, I will get 10 so I take 2 from 7 and put it with the 8 to get $10+5=15$."

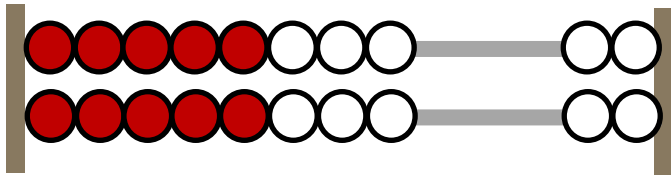
My Math Toolbox



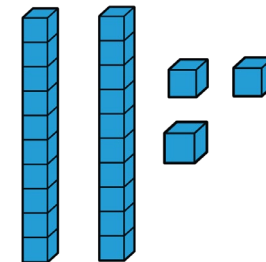
Ten Frames



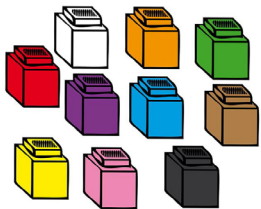
Number Paths



Rekenreks



Base Ten Blocks



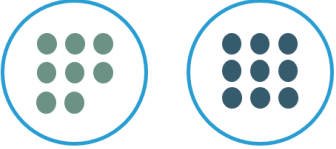
Snap Cubes



Counters

Addition Strategies for Grade 1

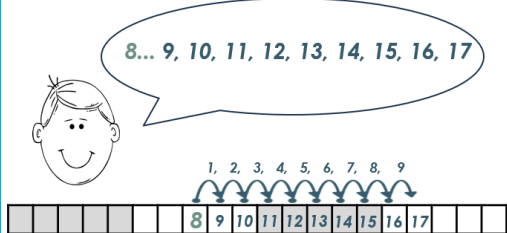
Addition Strategy
Counting All
 $8+9=$



"I make a group of 8 counters and a group of nine. I count all the counters. I have 17 altogether."

This strategy is used mostly by kindergarten and grade one students. More information can be found starting on page 59 of "Number Talks: Whole Number Computation" by Sherry Parrish. Number Talks utilizing this strategy can be found starting on page 98.

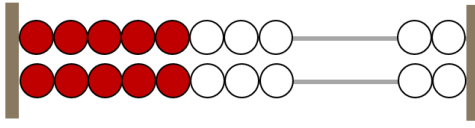
Addition Strategy
Counting On
 $8+9=$



"I start at 8 and count on by ones, 9 more. I got 17."

More information can be found starting on page 62 of "Number Talks: Whole Number Computation" by Sherry Parrish. Number Talks utilizing this strategy can be found starting on page 98.

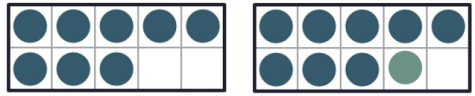
Addition Strategy
Doubles
 $8+8=$



I think of $8+8$ as $5+5=10$ and $3+3=6$ and $10+6=16$.

The rekenrek and tens frames are great tools to help students visualize doubles. Number talks asking, "How many beads do you see? How do you see them?" can help them apply strategies previously learned. (from "Number Talks: Whole Number Computation" page 107). More information can be found on page 60 of "Number Talks: Whole Number Computation" by Sherry Parrish and Number Talks can be found starting on page 107.

Addition Strategy
Doubles Plus One
 $8+9=$



$8+8+1=17$

"9 is like 8 and 1. I know my doubles, so I did $8+8$ and then added one more because 9 is one more than 8, and it was 17."

Addition Strategies for Grade 1

Page 2

Addition Strategy
Making Tens

$7+8=$

$7 + 8 = 5 + 10 = 15$

$7 - 2$ $8 + 2$

"I know that if I add 2 to 8, I will get 10 so I take 2 from 7 and put it with the 8 and get $5+10=15$."

The concept of making ten is an essential strategy. More information can be found on page 61 of "Number Talks: Whole Number Computation" by Sherry Parrish and Number Talks can be found starting on page 112.