

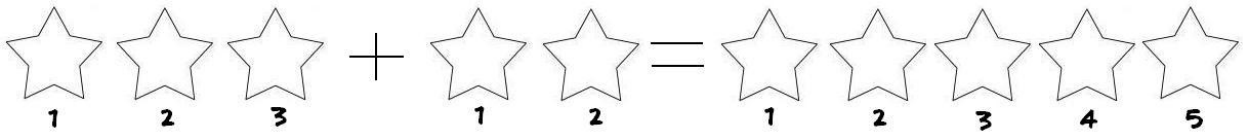
FIRST GRADE MATH STRATEGIES: ADDITION

DEFINITIONS:

- addends- the numbers that are added together in an addition problem
- sum- the resulting answer when numbers are added together

PICTURES OR SYMBOLS:

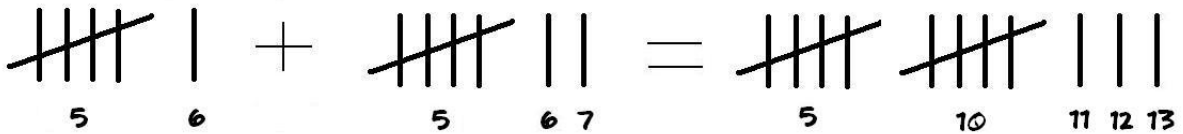
- Draw an equivalent number of pictures or symbols to represent each addend.
- Count and label all of the pictures or symbols together to find the sum of the numbers.



$$3 + 2 = 5$$

TALLY MARKS:

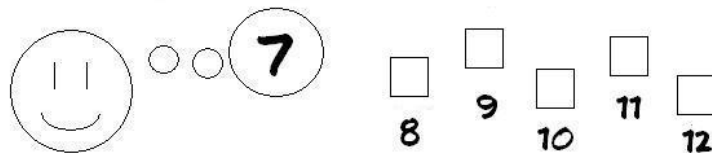
- Draw an equivalent number of tally marks to represent each addend. (Remember: tally marks are grouped into sets of five)
- Count and label all of the tally marks together to find the sum of the numbers.



$$6 + 7 = 13$$

COUNTING ON

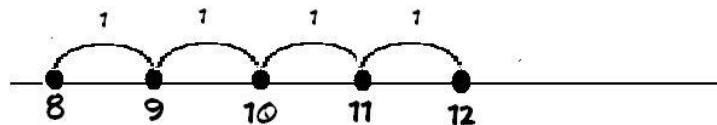
- Start with the biggest addend. Count up by ones, the number of times as the other addend.
- The number you end with, is the sum of the numbers.



$$5 + 7 = 12$$

OPEN NUMBER LINE

- Start with the biggest addend. Hop forward by ones the number of times as the other addend.
- The number you land on, is the sum of the numbers.



$$8 + 4 = 12$$