

Objectives

The “Adding +9” song reinforces the unique Math-U-See® concept that nine wants to be ten in order to help students master adding 9 to any single-digit number.

Student will complete the activities in order to use the strategy nine wants to be ten in order to help students master adding 9 to any single digit number.

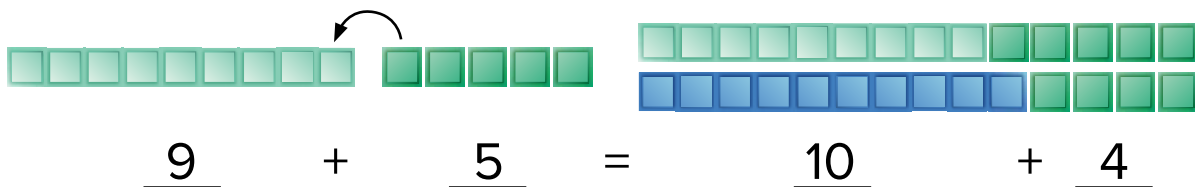
Note that this song also includes the concept of the “one-ties” and their nicknames discussed in Math-U-See’s *Alpha* Lesson 1. The “one-ties” were created in order to assist children in understanding how to count from 1–20 using place value concepts. Onety-one, onety-two, onety-three, etc. to substitute for the traditional “teen” counting.

Number Line Plus Nines 
Materials

- *Addition Facts Sheet* (see page 4)
- *Number Line* (see page 5)
- Dry erase boards, markers, and erasers or paper and pencil
- Integer Blocks

Set Up: Have your student circle or highlight all the +9 facts on the *Addition Facts Sheet*.

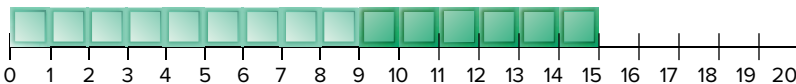
Strategy: This activity is based on the strategy found in *Alpha* Lesson 9 that 9 always “wants” to be 10. Nine can be changed (🎵 *would like to be 10* 🎵) by subtracting one from the second addend (🎵 *always taking one!* 🎵) in order to simplify the addition fact.



Number Line Plus Nines (Cont.)

Directions:

- Your student selects a +9 equation from the *Addition Facts Sheet* and completes the Build, Write, Say process. For example,
 - Build: If the student chooses $9 + 6$, then the 9-block and 6 unit blocks would be selected to model the equation on the number line so that the 9-block starts at 0.
 - Write: Then the student would write “ $9 + 6$ ” on the dry erase board.
 - Say: “Nine plus six is the same as...” (and pause)



- From this cue, your student should repeat the Build, Write, Say process for the equivalent +10 equation by moving one of the unit blocks next to the 9-block. Remind your student “9 would like to be 10”.
 - Build: Smoosh one unit block into the 9-block. (Student can make slurping noise as 9 takes 1.)
 - Write: Then write “ $10 + 5$ ” on the dry erase board.
 - Say: “Nine plus six is the same as ten plus five”.

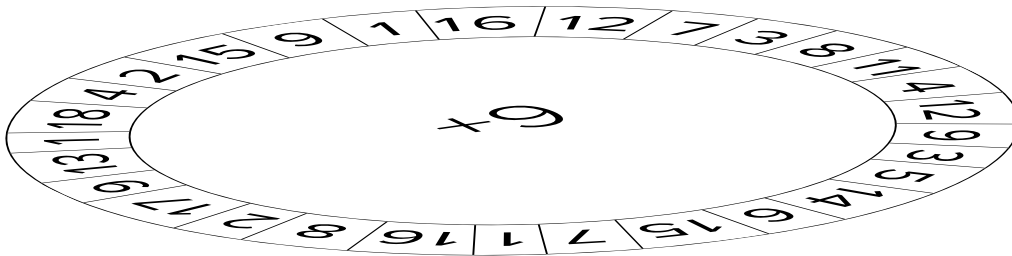


- Your student places a 10-block and 5-block underneath the first equation’s blocks in order to compare the +9 equation with the +10 equation and be sure they are equivalent.
- Alternatively, you could switch roles with your student so that one of you builds the +9 equation and the other builds the equivalent +10 equation.
- Play continues until all the +9 facts have been practiced.
- Have your student record the sum for each +9 fact found on the *Addition Facts Sheet*.

Chalk Circle: Plus Nines 
Materials

- *Addition Facts Sheet* (see page 4)
- Sidewalk chalk

Set Up: Draw a giant circle with chalk. Next write the numbers 0 to 18 randomly around the perimeter. Then, in the middle of the circle, write “+9” and “9 wants to be 10”. Before playing, have your student circle or highlight all the +9 facts on the *Addition Facts Sheet* and write their sums.


Directions:

1. Your student stands around the outside of the circle while you stand inside the circle.
2. Then say a +9 problem, such as “Nine plus six is the same as...” or “Nine plus two is the same as...”
3. The student solves the problem and moves to the numeral that represents the sum.
4. Continue playing, switching roles as desired.

Addition Facts Sheet

$0 + 0$ $0 + 1$ $0 + 2$ $0 + 3$ $0 + 4$ $0 + 5$ $0 + 6$ $0 + 7$ $0 + 8$ $0 + 9$

$1 + 0$ $1 + 1$ $1 + 2$ $1 + 3$ $1 + 4$ $1 + 5$ $1 + 6$ $1 + 7$ $1 + 8$ $1 + 9$

$2 + 0$ $2 + 1$ $2 + 2$ $2 + 3$ $2 + 4$ $2 + 5$ $2 + 6$ $2 + 7$ $2 + 8$ $2 + 9$

$3 + 0$ $3 + 1$ $3 + 2$ $3 + 3$ $3 + 4$ $3 + 5$ $3 + 6$ $3 + 7$ $3 + 8$ $3 + 9$

$4 + 0$ $4 + 1$ $4 + 2$ $4 + 3$ $4 + 4$ $4 + 5$ $4 + 6$ $4 + 7$ $4 + 8$ $4 + 9$

$5 + 0$ $5 + 1$ $5 + 2$ $5 + 3$ $5 + 4$ $5 + 5$ $5 + 6$ $5 + 7$ $5 + 8$ $5 + 9$

$6 + 0$ $6 + 1$ $6 + 2$ $6 + 3$ $6 + 4$ $6 + 5$ $6 + 6$ $6 + 7$ $6 + 8$ $6 + 9$

$7 + 0$ $7 + 1$ $7 + 2$ $7 + 3$ $7 + 4$ $7 + 5$ $7 + 6$ $7 + 7$ $7 + 8$ $7 + 9$

$8 + 0$ $8 + 1$ $8 + 2$ $8 + 3$ $8 + 4$ $8 + 5$ $8 + 6$ $8 + 7$ $8 + 8$ $8 + 9$

$9 + 0$ $9 + 1$ $9 + 2$ $9 + 3$ $9 + 4$ $9 + 5$ $9 + 6$ $9 + 7$ $9 + 8$ $9 + 9$

