

Objectives

The “Making 10” song assists students in mastering single-digit addition problems in which the sum equals ten.

Student will complete the activities in order to practice identifying pairs of single-digit addends that compose sums of ten in order to master the Making 10 fact family.

Building a Wall of Tens

Materials

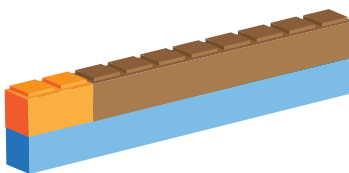
- *Addition Facts Sheet* (see page 3)
- Highlighter
- Integer Blocks
- Paper and pencil

Set Up: Have your student circle or highlight all the Making 10 facts on the *Addition Facts Sheet*.

Strategy: This activity is based on the “family method” found in Alpha Lesson 15 that demonstrates how ten can be composed and decomposed in different ways.

Directions:

1. Your student places a 10-block horizontally at the bottom of the paper.
2. Ask your student to choose two Integer Blocks, that when smooshed together, are the same length as the 10-block. This may take several attempts, as your student may pick an Integer Block and then try others to find a second one that fits.
3. Have your student place the selected Integer Blocks on top the 10-block to start building the wall.



4. Your student now writes the equation for the Making 10 fact. For example, if your student chose an orange 2-block and a brown 8-block, the written equation would be $2 + 8 = 10$.
5. Repeat this activity with several or all of the Making 10 facts.
6. Finally, have your student write the sums for the Making 10 facts found on the *Addition Facts Sheet*.

Note: This activity can also be completed on the computer with the Math-U-See® Manipulatives if these are available to the student.

Tic-Tac-Ten **Materials**

- *Addition Facts Sheet* (see page 3)
- Deck of playing cards
- Dry erase board, marker, and eraser
- Spinner with 0–9 (or a 10-sided die)

Set Up: Draw a 3 x 3 grid covering the entire dry erase board. Remove the jokers and face cards from the deck, and divide the cards into red and black. Aces will be ones. Ask your student to highlight all of the Making 10 facts on the *Addition Facts Sheet*.

Directions:

1. You and your student each take a color of cards, shuffle them, and take the first 5 cards.
2. Your student spins the spinner (or rolls the die).

If she has a card that will add to the number on the spinner to make 10, she places the card onto the tic-tac-ten board in the square of her choice, and then takes another card to bring her hand back up to 5 cards.

If not, her turn ends, and you spin the spinner.

3. The first person to place three cards in a row (horizontally, vertically, or diagonally), earns a point.
4. Continue playing for a set period of time or until a set number of points is reached.
5. You may wish to conclude by having the student write the sums for the Making 10 facts found on the *Addition Facts Sheet*.

Addition Facts Sheet

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

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

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

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

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

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

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

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

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

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