

Math 4 Success
NAMING SUMS TO 12
LEVEL 3 Lesson 3

1. CONCEPT:

Addition: Naming sums to twelve.

2. BEHAVIORAL OBJECTIVE:

The student given two addends will be able to name a sum no greater than twelve. 5 9 + 3 = 12

$$\begin{array}{r} + 6 \\ 5 \\ \hline 11 \end{array}$$

3. MATHEMATICAL IDEAS:

- (a) Addition is a binary operation in that two elements of the set of numbers are combined to yield a unique third element of the set.
- (b) There are many names for any number.
- (c) Addition requires naming a sum.
- (d) The order of the addends does not affect the sum.
(Commutative property)

4. KEY WORDS:

sum	addend	add	addition	order of addends
plus	join	equal	number family	

5. ACTIVITIES:

- (a) Adapt activities from sums to 6 and sums to 10 to include sums to 12.
- (b) Egg cartons could be used to show visually all the combinations to twelve.

LEVEL 3 Lesson 3

- (c) Have children step off basic facts on a number line on the floor. Remember to start at zero in stepping to first addend.
- (d) "Tell Tiles". Materials: 79 tiles numbered with the answers to an addition facts table (sums to 12); 5 blank tiles; 1 Gameboard. Procedure: 2-4 players.
1. Place all the tiles face down.
 2. Each player draws a tile; the player with highest number starts the game.
 3. Each player randomly chooses 7 tiles for their "Bank" and places them face up. The remaining tiles are left in the center as a stockpile.
 4. Starter selects one tile and places it in the correct answer square.
 5. Each player will have a turn to play a tile. A play consists of selecting a tile from their own bank that can be played on a square adjoining one that has a tile on it.
 6. A player may play as many tiles as possible so long as it is during their turn. A player's turn is terminated if they play an incorrect tile or do not have a tile in their bank that will play.
 7. If a player has a turn but can not play from their bank they may draw one tile from the stockpile. They may play until their turn is terminated. The first player to play all of their tiles wins the game.

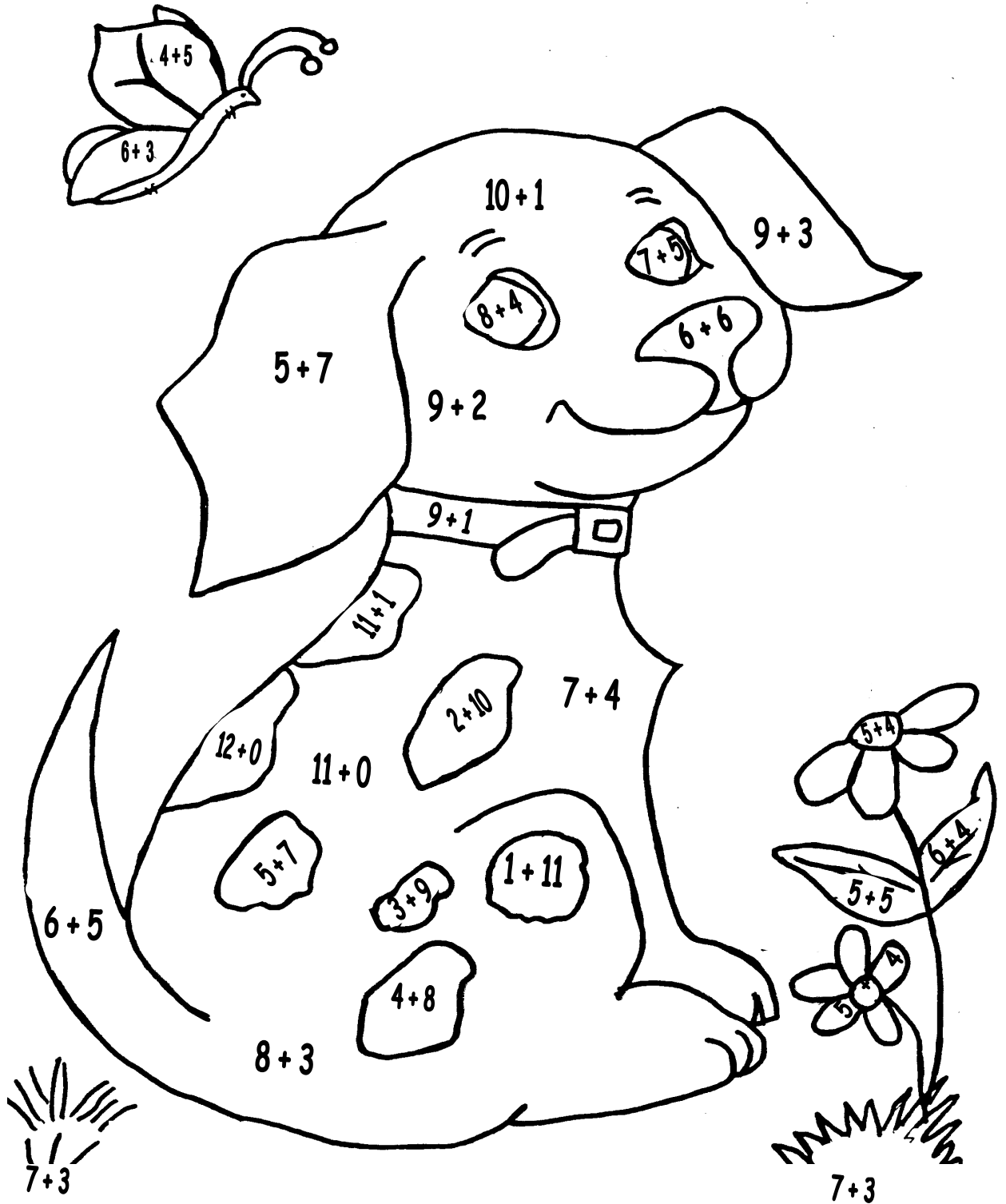
The game board should look like the following:

Complete the number family table. Name _____

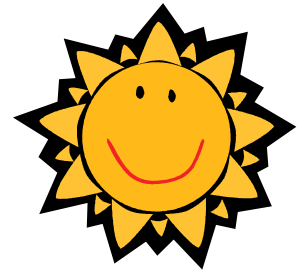
+	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									
9									

Name _____

Black -12 Brown -11 Green-10 Orange-9



Name _____



Solve the equations and follow the dots.

$7+4$ ●

$8+2$ ●

$4+5$ ●

$7+5$ ●

$3+0$ ●

$2+2$ ●

$1+1$ ●

$6+2$ ●

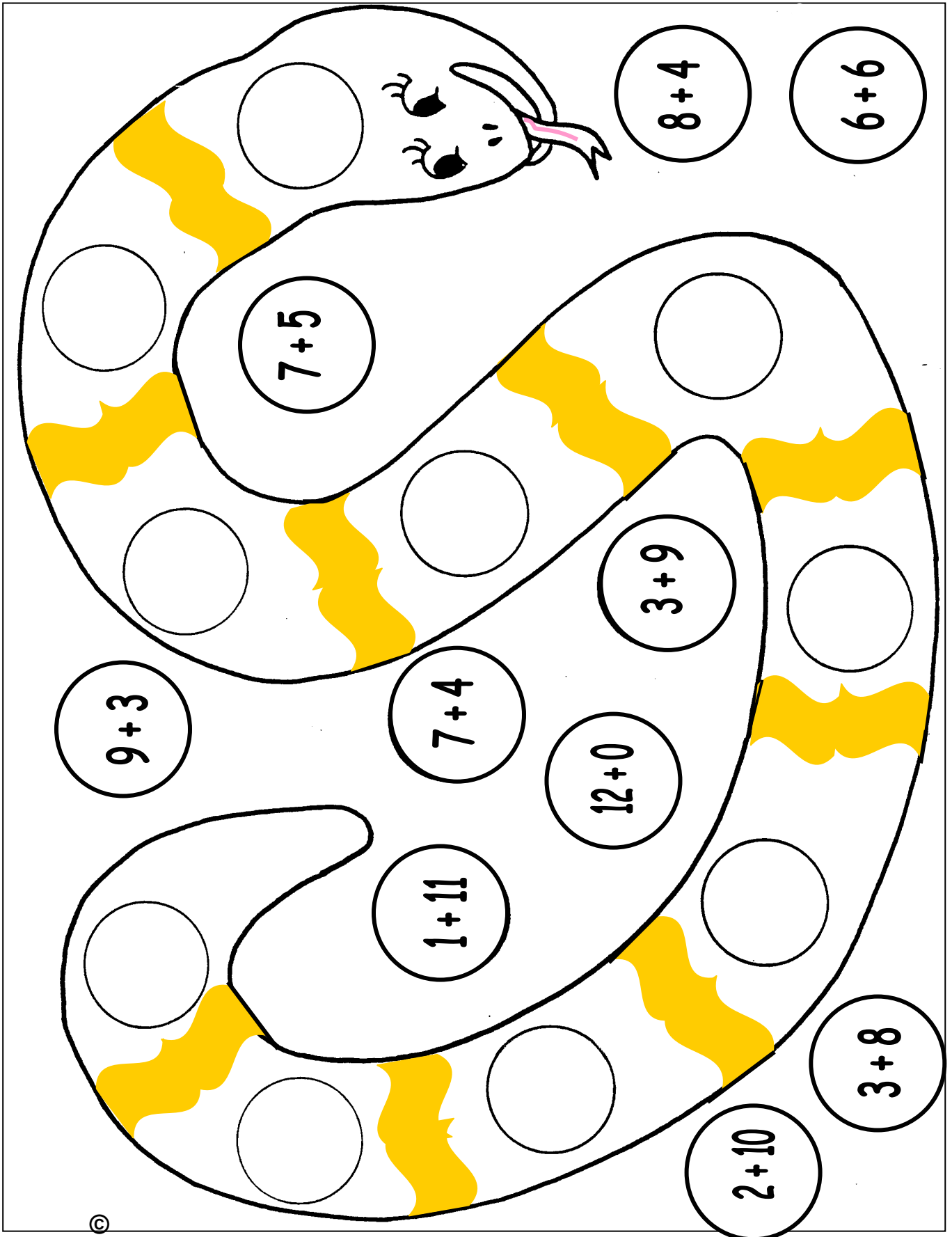
$4+3$ ●

$5+1$ ●

$4+1$ ●

$1+0$ ●

Cut out snake. Cut out all circles with the sums of 12 and paste on top of blank circles on the snake.



ADDITION

Worksheet # 5

Name _____

$$\begin{array}{r} \textcircled{1} \quad 3 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 6 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 1 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 1 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 5 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 1 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 5 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 2 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 4 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 2 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 1 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 2 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 1 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 3 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 1 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 4 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 6 \\ + 6 \\ \hline \\ \hline \end{array}$$



ADDITION

Worksheet # 5

Name _____

$$\begin{array}{r} \textcircled{1} \quad 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5 \\ + 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 2 \\ + 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 1 \\ + 6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 4 \\ + 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 6 \\ + 6 \\ \hline 12 \end{array}$$

ADDITION

Worksheet # 6

Name _____

$$\begin{array}{r} \textcircled{1} \quad 2 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 3 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 4 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 5 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 1 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 5 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 5 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 4 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 6 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 6 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 3 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 1 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 6 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 1 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 3 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 2 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 2 \\ + 6 \\ \hline \\ \hline \end{array}$$



ADDITION

Worksheet # 6

Name _____

$$\begin{array}{r} \textcircled{1} \quad 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 5 \\ + 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 6 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 1 \\ + 6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 2 \\ + 6 \\ \hline 8 \end{array}$$

ADDITION

Worksheet # 7

Name _____

$$\begin{array}{r} \textcircled{1} \quad 2 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 3 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 4 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 5 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 1 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 5 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 5 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 4 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 6 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 6 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 3 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 1 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 6 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 1 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 3 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 2 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 2 \\ + 6 \\ \hline \\ \hline \end{array}$$



ADDITION

Worksheet # 7

Name _____

$$\begin{array}{r} \textcircled{1} \quad 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 5 \\ + 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 6 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 1 \\ + 6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 2 \\ + 6 \\ \hline 8 \end{array}$$

ADDITION

Concept Test

Name _____

$$\begin{array}{r} \textcircled{1} \quad 2 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 3 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 4 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 5 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 1 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 5 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 5 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 4 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 6 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 6 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 3 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 1 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 6 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 1 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 3 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 2 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 2 \\ + 6 \\ \hline \\ \hline \end{array}$$



ADDITION

Concept Test

Name _____

$$\begin{array}{r} \textcircled{1} \quad 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 5 \\ + 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 6 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{13} \quad 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \textcircled{15} \quad 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \textcircled{16} \quad 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \textcircled{17} \quad 1 \\ + 6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \textcircled{18} \quad 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{19} \quad 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \textcircled{20} \quad 2 \\ + 6 \\ \hline 8 \end{array}$$