

Place Value Riddles

Directions:

1. Read each riddle.
2. Draw and solve!

Mystery Riddle	Draw it!	Number?
I have 4 tens and 25 ones. Who am I?		
I am number 49. If you represent me with 29 ones how many tens do I have?		
I am number 36. If you represent me with only 2 tens how many ones do I have?		
I have 17 tens and 12 ones. What number am I?		
I have 6 tens and 23 ones. What number am I?		

Base Ten Compare

Materials:

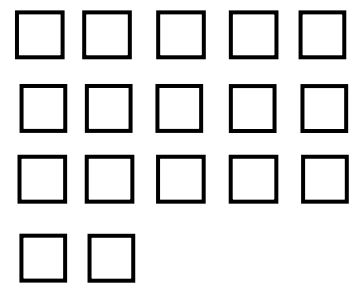
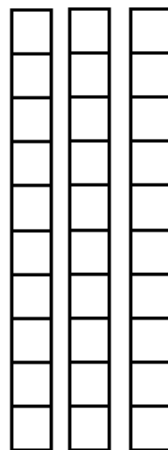
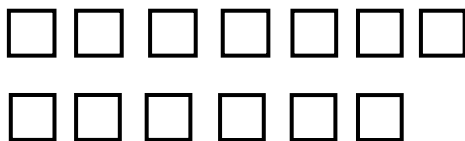
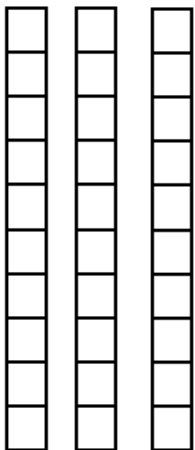
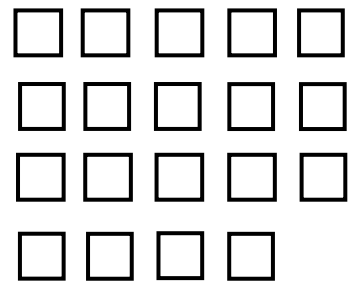
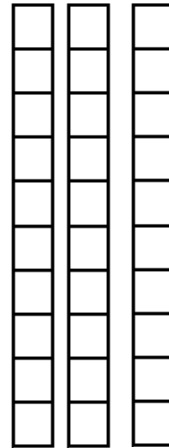
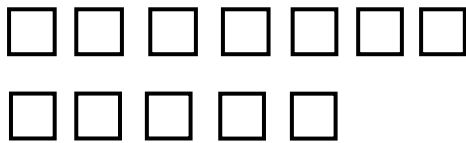
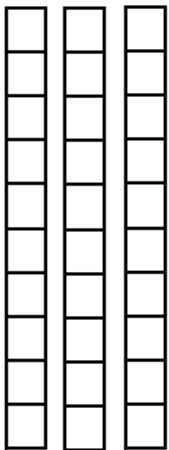
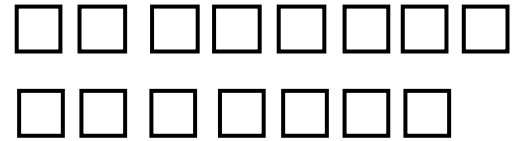
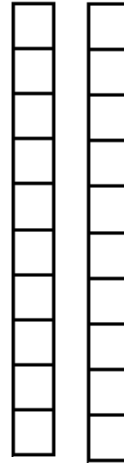
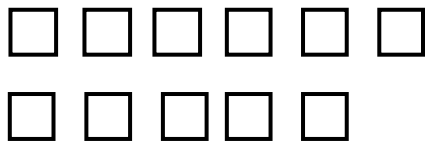
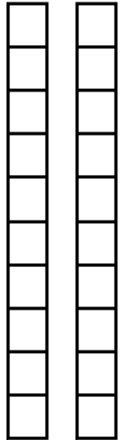
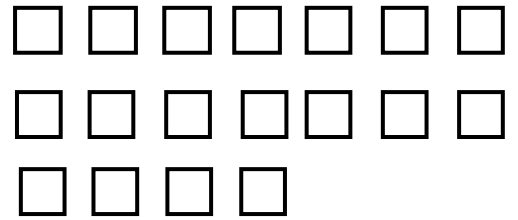
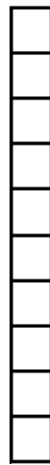
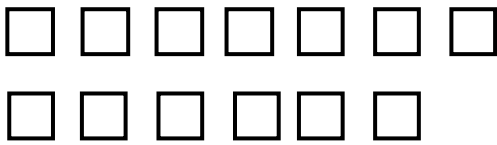
ten frame cards (cut out)

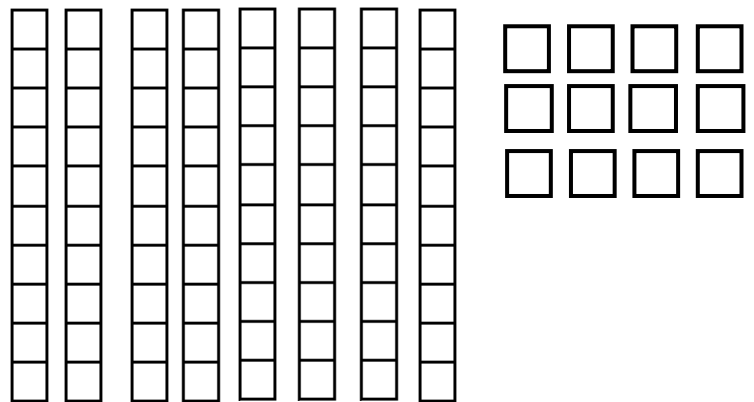
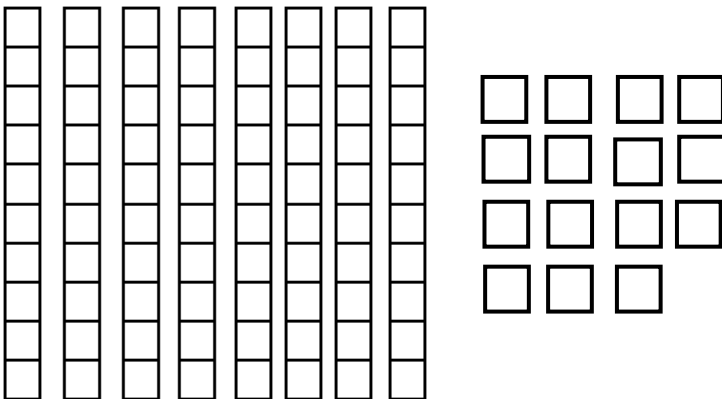
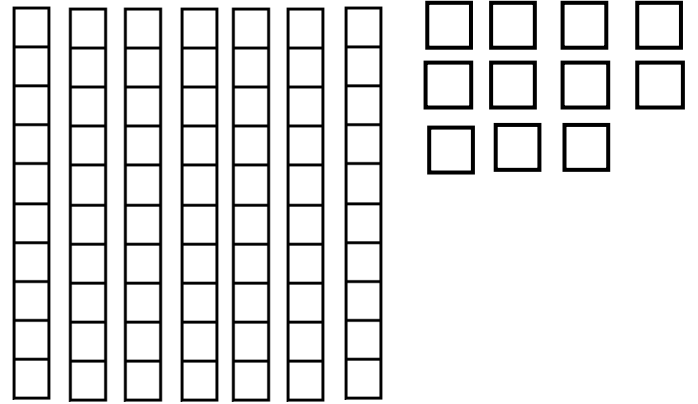
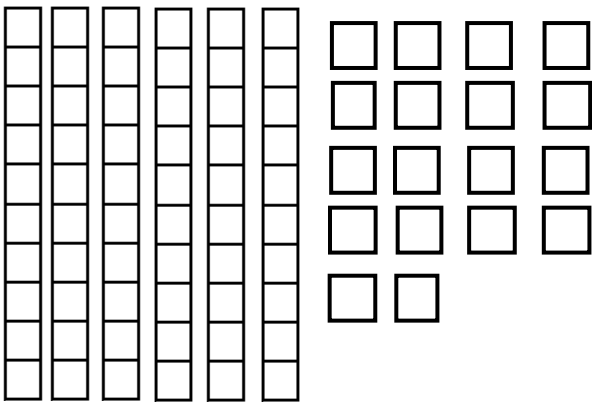
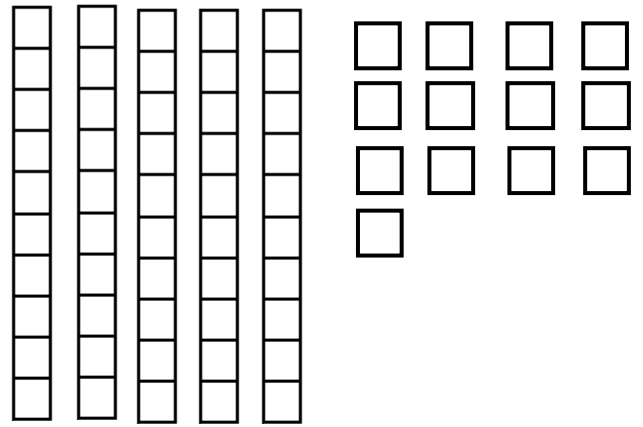
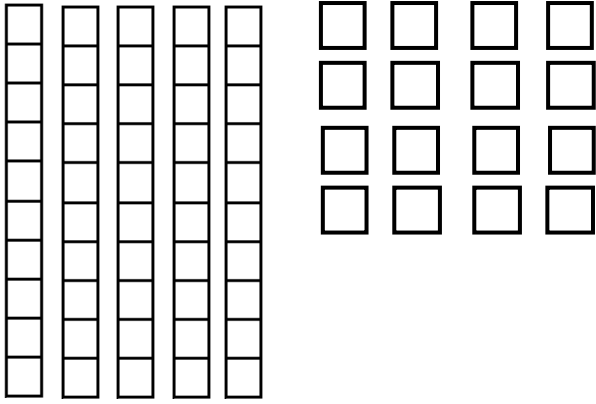
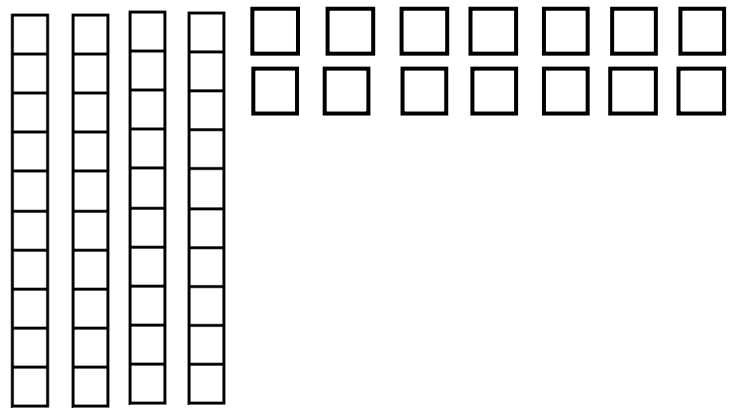
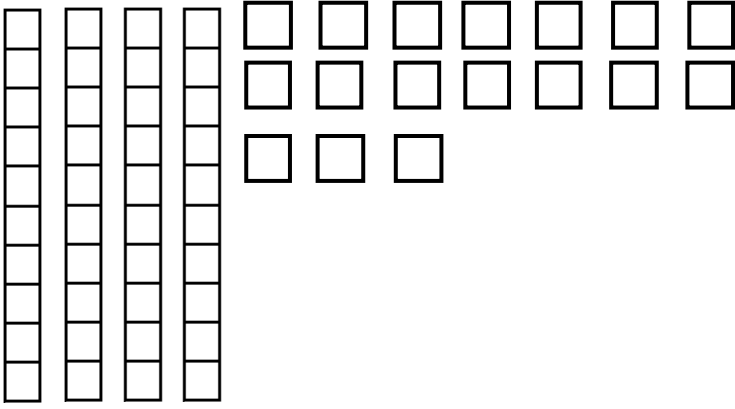
Directions:

1. Work with a partner. Deal 8 cards to each player.
2. Both players turn over the top card in their stack. Players compare cards. The player with the greater number takes both cards and puts them on the bottom of their stack. If the cards are of equal value players turn over another card each and compare the new cards.
3. Both players record the result of the comparison on the chart below using the symbols $<$, $>$.
4. The game continues until one player has all of the cards.

Player 1's Number	$<$, $>$	Player 2's Number

Player 1's Number	$<$, $>$	Player 2's Number



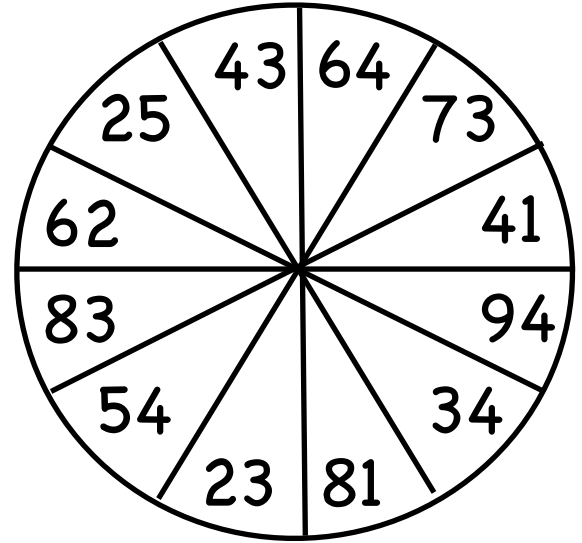


What Did I Add?

Materials: numeral cards (cut out), create a spinner with a paperclip and pencil

Directions:

1. Turn the numeral cards face side down. Player 1 spins to get a starting number.
2. Player 2 picks a number card without showing your partner. Choose whether to add that many ones or tens to your starting number.
3. Player 2: Tell your partner the sum. Don't go over 99!
4. Player 1: Tell your partner what number you think they added and explain your thinking. Record your answer in the space below.
5. Switch roles and repeat.



round	number spun	+	secret number	=	new sum
1	_____	+	_____	=	_____
2	_____	+	_____	=	_____
3	_____	+	_____	=	_____
4	_____	+	_____	=	_____
5	_____	+	_____	=	_____
6	_____	+	_____	=	_____
7	_____	+	_____	=	_____
8	_____	+	_____	=	_____
9	_____	+	_____	=	_____
10	_____	+	_____	=	_____

1

2

3

4

5

1

2

3

4

5

1

2

4 in a Row

Materials: 20 counters (10 of one color and 10 of another color). You could use coins such as pennies and nickels, instead of colored counters.

Directions:

1. Player 1 gets 10 counters of one color and player 2 gets 10 counters of another color.
2. Player 1 puts a counter on the 2 numbers you will add.
3. Player 1 puts a counter on the sum in the 4 in a Row grid.
4. Player 2 moves 1 of the counters to a different number, adds the numbers, and puts a counter on the sum.
5. Continue taking turns until someone gets 4 in a row.

4 in a Row					
37	47	67	77	32	50
66	99	76	68	41	59
41	94	86	64	52	70
98	71	89	82	63	81
74	54	59	65	59	55

pick 2 numbers to add ↓

14	23	41	53
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45	18	36	29
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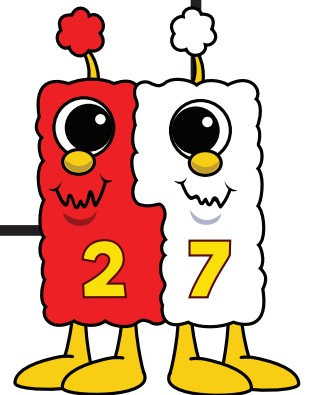
Directions: Solve the following addition equations with tens and one with Value Pak!

$$14 + 53 =$$

$$24 + 63 =$$

$$24 + 32 =$$

$$54 + 22 =$$



Solve with D.C.



Directions:

Solve these problems with the ten frames using D.C.'s strategy (decomposing and composing). Remember to make a friendly number to make addition easier!

$$38 + 7 = \underline{\quad}$$

$$49 + 6 = \underline{\quad}$$

Closest to 95

Version 1

Directions:

1. Cut out the number cards and spread them out facedown on the table.
2. Start at number 55. This will be your starting number for both players.
3. Player 1 picks a card and adds that number to the starting number (55). Write the equation on the recording sheet.
4. The sum becomes the starting number in the next equation.
5. Now Player 2 picks a card and repeats step 3. Each player must take 6 turns.
6. The player who gets closest to 95 without going over is the winner.

Player 1	
55	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____

Player 2	
55	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____

1

2

3

4

5

6

7

8

9

10

Closest to 95

Version 2

Directions:

1. Cut out the number cards and spread them out facedown on the table.
2. Start at number 25. This will be your starting number for both players.
3. Player 1 picks a card and decides if they should add that number of tens or ones to the starting number (25). Write the equation on the recording sheet.
4. The sum becomes the starting number in the next equation.
5. Now Player 2 picks a card and repeats step 3. Each player must take 6 turns.
6. The player who gets closest to 95 without going over is the winner.

Player 1	
25	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____

Player 2	
25	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____
_____	+ _____ = _____

1

2

3

4

5

6

7

8

9

10

Find the Missing Number

Directions:

1. Look at the sums given and determine what 2-digit number makes the equation true.
2. Use the number cards to fill in the equations. You can only use each number card once.

$51 = 1$		$+ 32$
$62 = 45$	$+ 1$	
$73 = 2$		$+ 47$
$84 = 53$	$+ 3$	
$93 = 6$		$+ 29$
$52 = 30$	$+ 2$	
$65 = 1$		$+ 47$
$76 = 51$	$+ 2$	
$87 = 4$		$+ 44$

Number Cards—cut out

1	2	3
4	5	6
7	8	9

Directions: Solve the following addition equations with tens and one with Value Pak!

$$37 + 26 =$$

$$18 + 55 =$$

$$34 + 57 =$$

$$28 + 56 =$$

