

Identify these by counting by tens.

$$\begin{array}{c} \triangle \\ \triangle \\ \triangle \end{array} =$$

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$$\begin{array}{c} \triangle \\ \triangle \\ \triangle \\ \triangle \end{array} =$$

$$\begin{array}{c} \square \\ \square \\ \square \\ \square \end{array} =$$

Identify these numbers by  
counting the tens and ones.

$$\begin{array}{c} \text{▲} \\ \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \text{●} \\ \text{●} \\ \text{●} \\ \text{●} \\ \text{●} \\ \text{●} \end{array} = 59 \quad \begin{array}{c} \text{▲} \\ \text{▲} \end{array} : \quad \begin{array}{c} \text{●} \\ \text{●} \end{array} =$$

$$\begin{array}{c} \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \text{●} \\ \text{●} \end{array} = \quad \begin{array}{c} \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \text{●} \\ \text{●} \end{array} =$$

$$\begin{array}{c} \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \text{●} \\ \text{●} \\ \text{●} \\ \text{●} \end{array} = \quad \begin{array}{c} \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \text{●} \\ \text{●} \end{array} =$$

$$\begin{array}{c} \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \bullet \end{array} = \quad \begin{array}{c} \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \text{●} \\ \text{●} \end{array} =$$

$$\begin{array}{c} \text{▲} \\ \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \text{●} \\ \text{●} \\ \text{●} \\ \text{●} \end{array} = \quad \begin{array}{c} \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \\ \text{▲} \end{array} \quad \begin{array}{c} \text{●} \\ \text{●} \end{array} =$$

Identify these numbers by  
counting the tens and ones.

$$\begin{array}{ccc} \begin{array}{c} \text{triangle} \\ \text{triangle} \end{array} & \begin{array}{c} \text{circle} \\ \text{circle} \\ \text{circle} \\ \text{circle} \\ \text{circle} \\ \text{circle} \end{array} & = \\ & \begin{array}{c} \text{triangle} \\ \text{triangle} \\ \text{triangle} \end{array} & ; = \end{array}$$

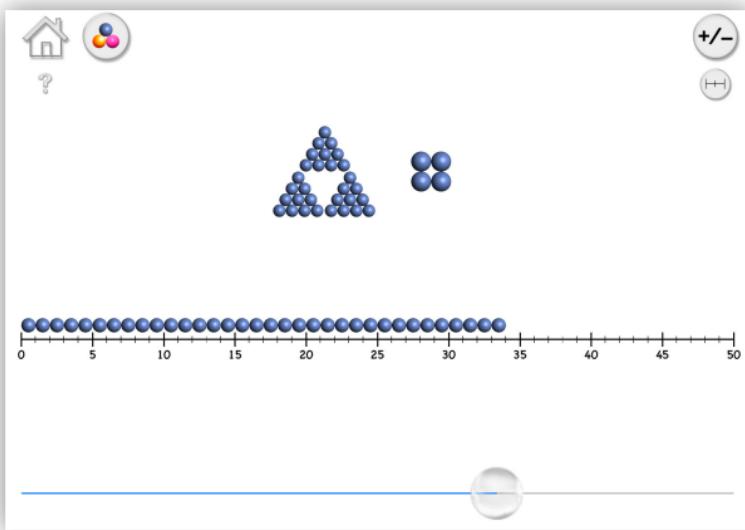
$$\begin{array}{ccc} \begin{array}{c} \text{triangle} \\ \text{triangle} \\ \text{triangle} \end{array} & \begin{array}{c} \text{circle} \\ \text{circle} \end{array} & = \\ & \begin{array}{c} \text{triangle} \\ \text{triangle} \\ \text{triangle} \end{array} & ; = \end{array}$$

$$\begin{array}{ccc} \begin{array}{c} \text{triangle} \end{array} & \begin{array}{c} \text{circle} \\ \text{circle} \end{array} & = \\ & \begin{array}{c} \text{triangle} \\ \text{triangle} \\ \text{triangle} \end{array} & ; = \end{array}$$

$$\begin{array}{ccc} \begin{array}{c} \text{triangle} \\ \text{triangle} \end{array} & \begin{array}{c} \text{circle} \\ \text{circle} \end{array} & = \\ & \begin{array}{c} \text{triangle} \\ \text{triangle} \\ \text{triangle} \end{array} & ; = \end{array}$$

$$\begin{array}{ccc} \begin{array}{c} \text{triangle} \\ \text{triangle} \\ \text{triangle} \end{array} & \bullet & = \\ & \begin{array}{c} \text{triangle} \\ \text{triangle} \\ \text{triangle} \end{array} & ; = \end{array}$$

# "Making Numbers Blindfolded"



- 1) Zoom out on the number line until you get to 50.
- 2) Close your eyes.
- 3) Swipe up three times.
- 4) Swipe right four times.
- 5) Open your eyes. What number did you make?
- 6) Try making these numbers with your eyes closed:

**41, 25, 37, 49**

Solve these equations by matching them to a picture and then counting the tens and ones.

A base ten blocks diagram for the equation  $44 + 32 =$ . It shows four tens rods and four ones dots for the first addend, followed by a plus sign, and three tens rods and two ones dots for the second addend. A curved arrow at the top spans both addends, labeled '70' above and '6' below, indicating the total value of the tens and ones respectively.

$$44 + 32 =$$

A base ten blocks diagram for the equation  $35 + 52 =$ . It shows three tens rods and five ones dots for the first addend, followed by a plus sign, and five tens rods and two ones dots for the second addend.

$$35 + 52 =$$

A base ten blocks diagram for the equation  $66 + 32 =$ . It shows six tens rods and six ones dots for the first addend, followed by a plus sign, and three tens rods and two ones dots for the second addend.

$$66 + 32 =$$

A base ten blocks diagram for the equation  $56 + 23 =$ . It shows five tens rods and six ones dots for the first addend, followed by a plus sign, and two tens rods and three ones dots for the second addend.

$$56 + 23 =$$

A base ten blocks diagram for the equation  $43 + 42 =$ . It shows four tens rods and three ones dots for the first addend, followed by a plus sign, and four tens rods and two ones dots for the second addend.

$$43 + 42 =$$

A base ten blocks diagram for the equation  $43 + 25 =$ . It shows four tens rods and three ones dots for the first addend, followed by a plus sign, and two tens rods and five ones dots for the second addend.

$$43 + 25 =$$

Solve these equations by using the picture next them  
to count the number of tens and ones.

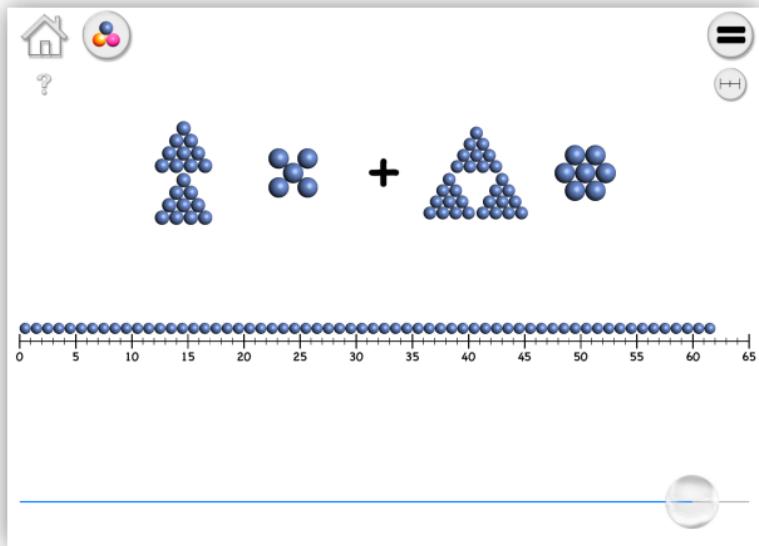
$$\begin{array}{r} \text{▲} \text{ ■} + \text{▲} \text{ ■} \end{array} \quad 56 + 43 =$$

$$\begin{array}{r} \text{△} \text{ :} + \text{△} \text{ :} \end{array} \quad 32 + 75 =$$

$$\begin{array}{r} \text{▲} \text{ ■} + \text{▲} \text{ :} \end{array} \quad 26 + 62 =$$

$$\begin{array}{r} \text{▲} \text{ :} + \text{▲} \text{ :} \end{array} \quad 53 + 25 =$$

$$\begin{array}{r} \text{▲} \text{ :} + \text{▲} \text{ ■} \end{array} \quad 43 + 46 =$$



- 1) Create the number 25 and then press the  $+/-$  button.
- 2) Move the slider to the right until you've added 37.
- 3) Count the number of tens
- 4) Count the number of ones
- 5) Are there enough ones to make another ten?
- 6) How many ones are left over?
- 7) Can you guess the answer?

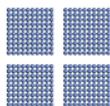
Identify these by counting by Hundreds.



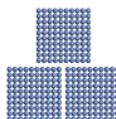
$$= 100$$



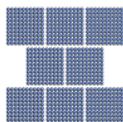
$$=$$



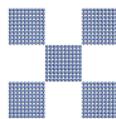
$$=$$



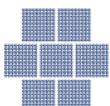
$$=$$



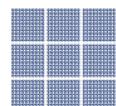
$$=$$



$$=$$



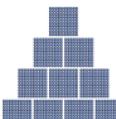
$$=$$



$$=$$



$$=$$



$$=$$

Identify these numbers by counting the hundreds, tens and ones.

2 hundreds  
1 tens  
1 ones

$$=$$

1 hundreds  
2 tens  
1 ones

$$=$$

4 hundreds  
1 tens  
1 ones

$$=$$

3 hundreds  
2 tens  
2 ones

$$=$$

2 hundreds  
3 tens  
3 ones

$$=$$

Solve these equations by counting the hundreds, tens and ones.

$$\begin{array}{c} 700 \\ + \\ 60 \\ \hline 760 \end{array} \quad \begin{array}{c} 4 \\ + \\ 4 \\ \hline 8 \end{array} = 764$$

The diagram shows base ten blocks for the addition problem  $760 + 4 = 764$ . The first addend, 760, is represented by a large blue square (representing 100), a smaller blue square (representing 10), and four blue dots (representing 1). The second addend, 4, is represented by a small blue square (representing 10) and four blue dots (representing 1). The sum, 764, is shown with a large blue square (representing 100), a small blue square (representing 10), and four blue dots (representing 1).

$$\begin{array}{c} 300 \\ + \\ 20 \\ \hline 320 \end{array} \quad \begin{array}{c} 5 \\ + \\ 3 \\ \hline 8 \end{array} =$$

The diagram shows base ten blocks for the addition problem  $320 + 5 = 325$ . The first addend, 320, is represented by a large blue square (representing 100), a smaller blue square (representing 10), and two blue dots (representing 2). The second addend, 5, is represented by a small blue square (representing 10) and five blue dots (representing 5). The sum, 325, is shown with a large blue square (representing 100), a smaller blue square (representing 10), and five blue dots (representing 5).

$$\begin{array}{c} 400 \\ + \\ 30 \\ \hline 430 \end{array} \quad \begin{array}{c} 6 \\ + \\ 7 \\ \hline 13 \end{array} =$$

The diagram shows base ten blocks for the addition problem  $430 + 6 = 436$ . The first addend, 430, is represented by a large blue square (representing 100), a smaller blue square (representing 10), and three blue dots (representing 3). The second addend, 6, is represented by a small blue square (representing 10) and six blue dots (representing 6). The sum, 436, is shown with a large blue square (representing 100), a smaller blue square (representing 10), and six blue dots (representing 6).

$$\begin{array}{c} 500 \\ + \\ 40 \\ \hline 540 \end{array} \quad \begin{array}{c} 7 \\ + \\ 8 \\ \hline 15 \end{array} =$$

The diagram shows base ten blocks for the addition problem  $540 + 7 = 547$ . The first addend, 540, is represented by a large blue square (representing 100), a smaller blue square (representing 10), and four blue dots (representing 4). The second addend, 7, is represented by a small blue square (representing 10) and seven blue dots (representing 7). The sum, 547, is shown with a large blue square (representing 100), a smaller blue square (representing 10), and seven blue dots (representing 7).

$$\begin{array}{c} 600 \\ + \\ 50 \\ \hline 650 \end{array} \quad \begin{array}{c} 9 \\ + \\ 6 \\ \hline 15 \end{array} =$$

The diagram shows base ten blocks for the addition problem  $650 + 9 = 659$ . The first addend, 650, is represented by a large blue square (representing 100), a smaller blue square (representing 10), and five blue dots (representing 5). The second addend, 9, is represented by a small blue square (representing 10) and nine blue dots (representing 9). The sum, 659, is shown with a large blue square (representing 100), a smaller blue square (representing 10), and nine blue dots (representing 9).

Solve these equations by counting the hundreds, tens and ones.

$$\begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{A} & \text{B} & \text{C} \end{array} + \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{D} & \text{E} & \text{F} \end{array} =$$

$$\begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{G} & \text{H} & \text{I} \end{array} + \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{J} & \text{K} & \text{L} \end{array} =$$

$$\begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{M} & \text{N} & \text{O} \end{array} + \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{P} & \text{Q} & \text{R} \end{array} =$$

$$\begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{S} & \text{T} & \text{U} \end{array} + \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{V} & \text{W} & \text{X} \end{array} =$$

$$\begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{Y} & \text{Z} & \text{A} \end{array} + \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ \text{B} & \text{C} & \text{D} \end{array} =$$