



Draw dot cards to complete the number problem.

Example

100	10	
+		

Use the 'Standard Algorithm' for addition:

Start with the 1s cards.

$3 + 8 = 11$. We can't make a ones card that large. So, we break the number down into tens and ones. $11 = 1$ ten and 1 ones.

Take 10 and put it with the 10 dots column, and put the 2 dot at the bottom.

Add the 10s cards and the exchanged 10 dot. Again, we have more than 10 tens ($1 + 6 + 4 = 11$), so we break them up into 10 tens (100) and 10.

Last, we add the 100s cards and the exchanged 100.

We have a solution:
7 hundreds, 1 ten and 1 one.

ANSWER KEY

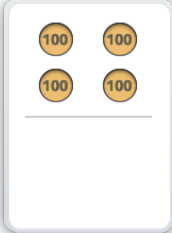
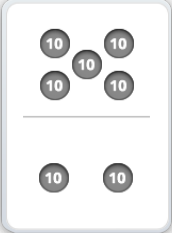
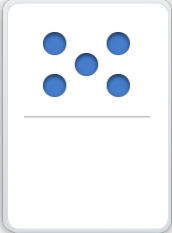
1	10	
+		

2	100	10	
+			



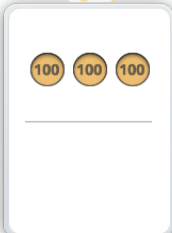
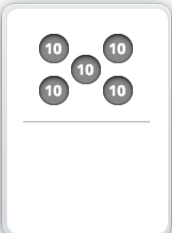
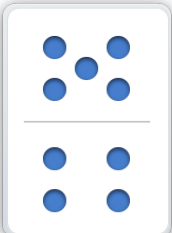
Draw dot cards and numbers to match.

1

	100	10			
					
				4	7
				+	5

				9	3
				hundreds	ones

2

	100	10			
					
				3	5
				+	9

				2	4
				+	2

				6	0
				1	1

ANSWER KEY

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Symbols

Complete each number fact.

$$\begin{array}{r} 3 6 8 \\ + 5 7 7 \\ \hline 9 4 5 \\ \text{hundreds} \quad \text{tens} \quad \text{ones} \end{array}$$

$$\begin{array}{r} 7 5 6 \\ + 1 7 3 \\ \hline 9 2 9 \end{array}$$

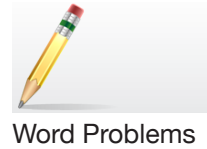
$$\begin{array}{r} 1 7 4 \\ + 6 9 7 \\ \hline 8 7 1 \end{array}$$

$$\begin{array}{r} 2 6 3 \\ + 3 2 8 \\ \hline 5 9 1 \end{array}$$

ANSWER KEY

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Read the story.

Two trucks leave a warehouse to deliver tires. Truck A reaches its destination in 244 miles. Truck B drives 368 miles further than truck A. How many miles does the truck B drive in order to reach its destination?

ANSWER KEY

Draw a dot card model:

100	10	
100 100	10 10 10 10	•• ••
+	100 100 100	10 10 10 10 10 10
	100 100 100 100 100	••

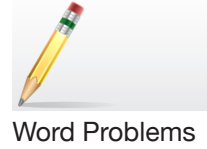
Write a number fact that matches the model:

2	4	4
+	3	6 8
	6	1 2

Answer: Truck B drives 612 miles.



Name: _____ Date: _____



Create a story problem that matches the model.

ANSWER KEY

EXAMPLE: The crowd at the town music festival is 584 people on Saturday and 368 people on Sunday. What is the total number of people that attend the festival during the two days?

Complete the dot card model:

100	10	
+		

Write a number fact that matches the model:

5	8	4
+		
3	6	8
9	5	2

Answer: 952 people attend the festival in all.

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