

Name: _____ Date: _____



Models

Draw dot cards to complete the number problem.

Example

10

+	

Use the 'Standard Algorithm' for addition:

Start with the 1s cards.

$4 + 8 = 12$. We can't make a ones card that large.

So, we break the number down into tens and ones.

$12 = 1$ ten and 2 ones.

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

Add the 10s card and the exchanged 10 dot.

We have a solution: 3 tens and 2 ones.

1

+	

2

+	

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Draw dot cards and numbers to match.

1

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Symbols

Complete each number fact.

$$\begin{array}{r} 48 \\ + \quad 3 \\ \hline \end{array}$$

tens ones

$$\begin{array}{r} 24 \\ + \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \quad 7 \\ + \quad 67 \\ \hline \end{array}$$

$$\begin{array}{r} \quad 78 \\ + \quad 9 \\ \hline \end{array}$$

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Word Problems

Read the story.

Dmitri has a dog that weighs 36 kg. Lisa has a dog that weighs 9 kg. How many kilograms do the dogs weigh altogether?

Draw a dot card model:

Write a number fact that matches the model:

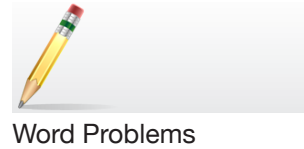
<div style="border: 1px solid gray; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"><hr style="width: 80%;"/></div>	<div style="border: 1px solid gray; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"><hr style="width: 80%;"/></div>
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Answer: _____

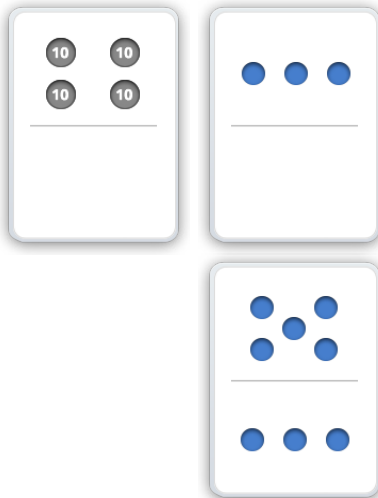


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Create a story problem that matches the model.

Complete the dot card model:

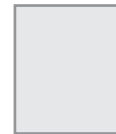


+

Write a number fact that matches the model:



+



Answer: _____

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