



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.

ANSWER KEY

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10

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10

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Draw dot cards and numbers to match.

1

<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid gray; padding: 5px; margin: 5px;"> <div style="text-align: center; margin-bottom: 5px;">10</div> <div style="display: flex; justify-content: space-around;"> 10 10 </div> <hr style="border: 0.5px solid gray;"/> </div> <div style="border: 1px solid gray; padding: 5px; margin: 5px;"> <div style="display: flex; justify-content: space-around;"> ••• </div> <hr style="border: 0.5px solid gray;"/> <div style="text-align: center;">•</div> </div> </div> <div style="text-align: center; margin: 10px 0;">+</div> <hr style="border: 1px solid black;"/> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid gray; padding: 5px; margin: 5px;"> <div style="display: flex; justify-content: space-around;"> 10 10 10 </div> <hr style="border: 0.5px solid gray;"/> </div> <div style="border: 1px solid gray; padding: 5px; margin: 5px;"> <div style="display: flex; justify-content: space-around;"> •• </div> <hr style="border: 0.5px solid gray;"/> </div> </div>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"> </td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: center; font-size: 2em;">2</td> <td style="text-align: center; font-size: 2em;">6</td> </tr> <tr> <td colspan="2" style="text-align: center; margin: 10px 0;">+</td> </tr> <tr> <td colspan="2" style="text-align: center;"> <hr style="border: 1px solid black;"/> </td> </tr> <tr> <td style="text-align: center; border: 1px solid gray; padding: 5px; width: 50px; height: 50px;">3</td> <td style="text-align: center; border: 1px solid gray; padding: 5px; width: 50px; height: 50px;">2</td> </tr> <tr> <td style="text-align: center; font-size: 0.8em;">tens</td> <td style="text-align: center; font-size: 0.8em;">ones</td> </tr> </table>			2	6	+		<hr style="border: 1px solid black;"/>		3	2	tens	ones
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ANSWER KEY

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Word Problems

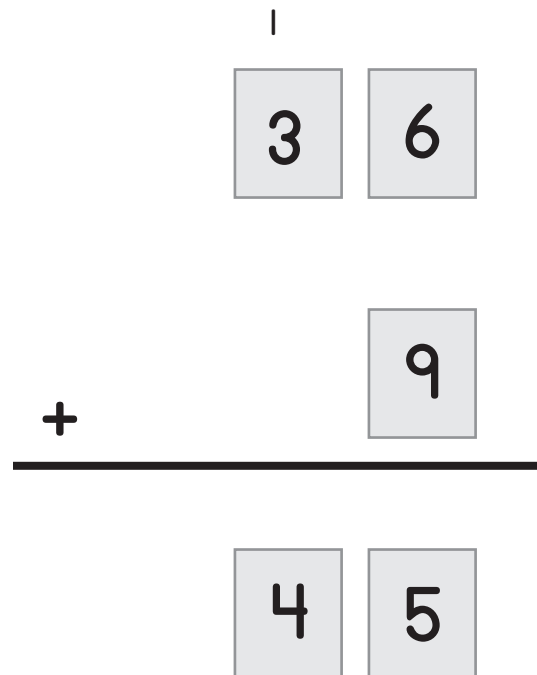
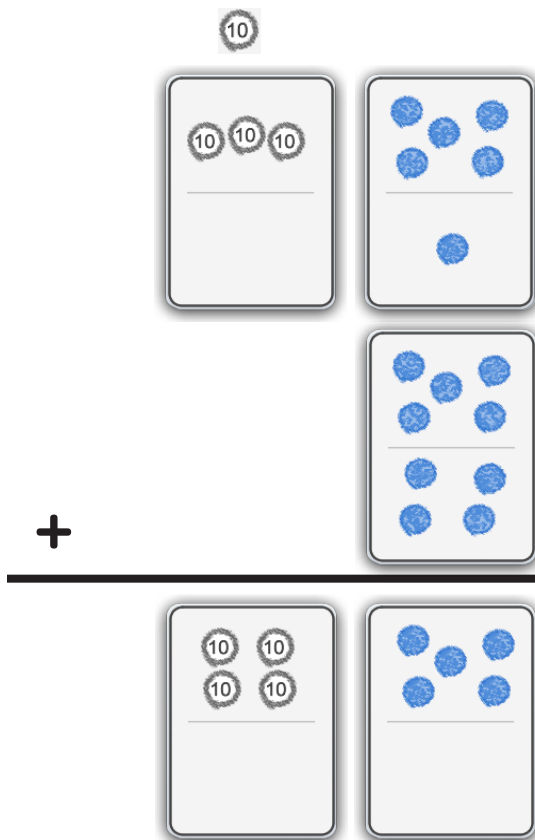
Read the story.

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

ANSWER KEY

Draw a dot card model:

Write a number fact that matches the model:



Answer: The dogs weigh 45 kg altogether.

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Word Problems

Create a story problem that matches the model.

EXAMPLE: Shayla scores 43 goals during the season. Beth scores 8 goals. How many goals do they score altogether?

ANSWER KEY

Complete the dot card model:

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Write a number fact that matches the model:

	1	
4		3
+		
		8
5		1

Answer: The players score 51 goals altogether.

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