

Joining Using Strip Diagrams and Number Bonds

Strip Diagram	Whole Unknown	Amount Joined Unknown	Initial Amount Unknown								
<p style="text-align: center;"> ----Total Amount----- </p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Starting Amount</td> <td style="padding: 2px;">Amount Joined</td> </tr> </table>	Starting Amount	Amount Joined	<p style="text-align: center;">Whole Unknown</p> <p>Kassie has 13 dolls. Her father gives her 5 more dolls. Now how many dolls does she have?</p> <p style="text-align: center;"> -----?----- </p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">13</td> <td style="padding: 2px;">5</td> </tr> </table> <p style="text-align: center;">$13 + 5 = ?$</p>	13	5	<p style="text-align: center;">Amount Joined Unknown</p> <p>Dan has saved \$12. How much more money does he need in order to have \$19?</p> <p style="text-align: center;"> -----19----- </p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">12</td> <td style="padding: 2px;">?</td> </tr> </table> <p style="text-align: center;">$12 + ? = 19$</p>	12	?	<p style="text-align: center;">Initial Amount Unknown</p> <p>There were some bunnies playing in the yard. Three more bunnies came to play. Then there were 12 bunnies in all. How many bunnies were in the yard to start?</p> <p style="text-align: center;"> -----12----- </p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">?</td> <td style="padding: 2px;">3</td> </tr> </table> <p style="text-align: center;">$? + 3 = 12$</p>	?	3
Starting Amount	Amount Joined										
13	5										
12	?										
?	3										
<p style="text-align: center;">Number Bond</p> 											