

Separating Using Strip Diagrams and Number Bonds

| <p style="text-align: center;">Strip Diagram</p> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;">---Starting Amount----- </p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Amount Separated</td> <td style="width: 50%; padding: 2px;">Amount Remaining</td> </tr> </table> </div> | Amount Separated | Amount Remaining | <p style="text-align: center;">Amount Remaining Unknown</p> <p>Sam had 12 peanuts. He ate 7 of them. How many peanuts are left?</p> <div style="text-align: center; margin: 10px 0;"> <p> -----12----- </p> <table border="1" style="margin: 0 auto; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">7</td> <td style="width: 50%; padding: 2px;">?</td> </tr> </table> <p>$12 - 7 = ?$</p> </div> | 7 | ? | <p style="text-align: center;">Amount Separated Unknown</p> <p>Charlotte had 5 candy bars. She gave some to Jo. Then Charlotte had 2 left. How many did she give to Jo?</p> <div style="text-align: center; margin: 10px 0;"> <p> -----5----- </p> <table border="1" style="margin: 0 auto; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">?</td> <td style="width: 50%; padding: 2px;">2</td> </tr> </table> <p>$5 - ? = 2$</p> </div> | ? | 2 | <p style="text-align: center;">Initial Amount Unknown</p> <p>Andy had some marbles. He lost 12 of them. Then he had 6 left. How many did he have to begin with?</p> <div style="text-align: center; margin: 10px 0;"> <p> -----?----- </p> <table border="1" style="margin: 0 auto; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">12</td> <td style="width: 50%; padding: 2px;">6</td> </tr> </table> <p>$? - 12 = 6$</p> </div> | 12 | 6 |
|--|------------------|------------------|--|---|---|--|---|---|--|----|---|
| Amount Separated | Amount Remaining | | | | | | | | | | |
| 7 | ? | | | | | | | | | | |
| ? | 2 | | | | | | | | | | |
| 12 | 6 | | | | | | | | | | |
| <p style="text-align: center;">Number Bond</p> <div style="text-align: center; margin: 10px 0;"> </div> | | | | | | | | | | | |