the left most 1 in the added value (0010) matches with a 1 in the row 1011.

So, we add 0010 and 1011 together without carrying.

1001 is the new value for the row that had 1011 in it. Convert them to integers 1011 = 11 and 1011 = 9. So, 11 – 9 = 2.

2 sticks need to be taken out of the second row to make the rows add to 0 without carrying.