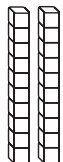

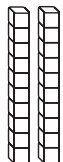


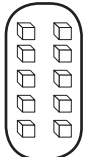

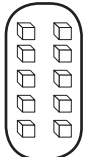
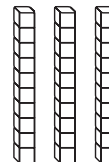

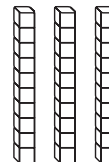

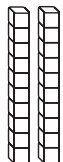


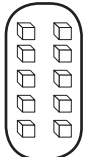
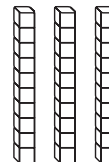



# Model Adding 2-Digit Numbers

CA Standard  
KEY NS 2.2

Add  $25 + 6$ .

| <p><b>Step 1</b></p> <p>Show 2 tens and 5 ones.<br/>Show 6 more ones.</p> <div style="text-align: center;"> <table border="1" style="margin: 0 auto; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="text-align: center; padding: 10px;">  </td> <td style="text-align: center; padding: 10px;">  </td> </tr> </table> </div> | Tens  | Ones |  |  | <p><b>Step 2</b></p> <p>Add the ones.<br/>Regroup 10 ones as 1 ten.</p> <div style="text-align: center;"> <table border="1" style="margin: 0 auto; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="text-align: center; padding: 10px;">  </td> <td style="text-align: center; padding: 10px;">  </td> </tr> </table> </div> | Tens | Ones |  |  | <p><b>Step 3</b></p> <p>Write the sum.</p> <div style="text-align: center;"> <table border="1" style="margin: 0 auto; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="text-align: center; padding: 10px;">  </td> <td style="text-align: center; padding: 10px;">  </td> </tr> </table> <p>3 tens      1 one</p> </div> | Tens | Ones |  |  |
|---|---|------|---|---|---|------|------|---|---|---|------|------|---|---|
| Tens  | Ones  |      |   |   |   |      |      |   |   |   |      |      |   |   |
|    |    |      |   |   |   |      |      |   |   |   |      |      |   |   |
| Tens  | Ones  |      |   |   |   |      |      |   |   |   |      |      |   |   |
|    |    |      |   |   |   |      |      |   |   |   |      |      |   |   |
| Tens  | Ones  |      |   |   |   |      |      |   |   |   |      |      |   |   |
|    |  |      |   |   |   |      |      |   |   |   |      |      |   |   |

Use  and  to add.

| Show both numbers. | Add the ones. How many tens and ones are there? | Do you need to regroup? | What is the sum? |
|--------------------|---|-------------------------|------------------|
| 1. $16 + 8$        | _____ tens _____ ones                           | Yes<br>No               |                  |
| 2. $32 + 4$        | _____ tens _____ ones                           | Yes<br>No               |                  |
| 3. $55 + 7$        | _____ tens _____ ones                           | Yes<br>No               |                  |



**Writing and Reasoning** When I want to model a number for addition, I draw the ones in columns of at most 5 ones. Why would this make addition easier? Explain.

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