

Subtraction Strategies

#1 Tens first and then ones:

$$46 - 38 = ?$$

$$40 - 30 = 10$$

$$6 - 8 = (\text{need the 10s})$$

$$16 - 8 = 8$$

TRY:

$$57 - 29$$

#2 Start with the smallest number and add on to get to the large number:

$$46 - 38 = ?$$

$$38 \rightarrow + 2 (\text{to } 40) + 6 (\text{to } 46)$$

$$2 + 6 = 8$$

TRY:

$$57 - 29$$

#3 Change the number to a friendly number, subtract and then compensate:

$$46 - 38 = ?$$

Change 46 to 50 (+4) to make the question:

$$50 - 38 = 12$$

Then -4 to compensate.

$$12 - 4 = 8$$

TRY:

$$57 - 29$$

Addition Strategies

#1 Tens first and then combine:

$$46 + 38 = ?$$

$$40 + 30 = 70$$

$$6 + 8 = 14$$

$$\text{Combine } 70 + 14 = 84$$

TRY:

$$57 + 29$$

#2 Start with the largest number, add the tens, then add the ones:

$$46 + 38 = ?$$

$$46 + 30 = 76$$

$$76 + 8 = 84$$

TRY:

$$57 + 29$$

#3 Compensate to change the number before adding:

$$46 + 38 = ?$$

Take 2 from 46 and add it to 38 to make 40 → $(46 - 2) + (38 + 2) =$

$$44 + 40 = 84$$

TRY:

$$57 + 29$$

#4 Change the number to a friendly number, add and then compensate:

$$46 + 38 = ?$$

Change 46 to 50 (+4) to make the question:

$$50 + 38 = 88$$

Then -4 to compensate.

TRY:

$$57 + 29$$