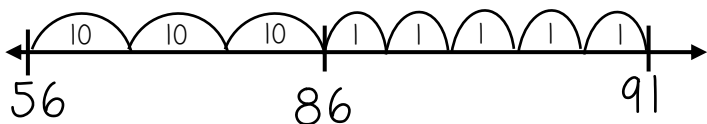# Addition Strategies

Make a 10

$$56 + 35 =$$

4   31

$$60 + 31 = 91$$

1. Look at the bigger #.
2. What is the next friendly # that ends with a 0? (60)
3. Think… 56 + ? = 60 (4)
4. Take that number out and complete the number bond.
5. Add the # that is not circled.

Number Line

56   86   91

1. Start at the bigger #.
2. Add the tens first. Label what # you landed on.
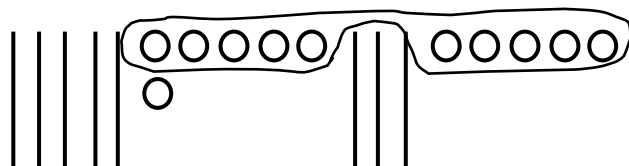3. Then add the ones.

Expanded Form

$$56 = 50 + 6$$
$$+ \ 35 = 30 + 5$$
$$91 = 80 + 11$$

1. Line up the numbers.
2. Put the # in expanded form.
3. Add the tens and write it under the tens column.
4. Add the ones and write it under the ones column.
5. Add both together.

Draw in Base-10 Form

1. Draw both numbers using base-10 blocks.
2. Circle ten ones.
3. Count total # of tens and ones.

Subtraction Strategies

Break up into tens and ones
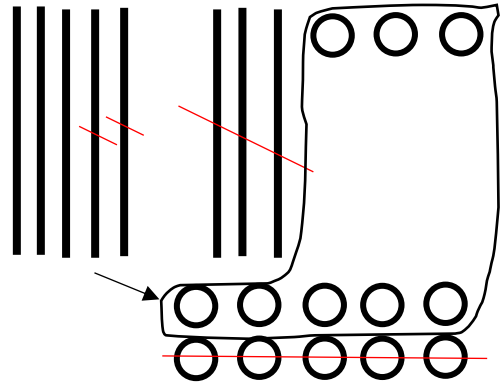
$$83 - 45 =$$
$$40 \quad 5$$

$$83 - 40 = 43$$
$$43 - 3 = 40$$
$$40 - 2 = 38$$

1. Break up the second # into tens and ones.
2. Subtract the tens first.
3. Then subtract the ones.

Base-10 Drawing

1. Draw the bigger #.
2. Subtract the tens first.
3. Subtract the ones. If you can't, decompose a ten to make 10 ones.
4. Now, subtract the ones.
5. Circle all the ones that you have left.

Expanded Form

$$\begin{array}{r} 70 \quad 13 \\ 83 = 80 + 3 \\ - \ 45 = 40 + 5 \\ \hline 38 = 30 + 8 \end{array}$$
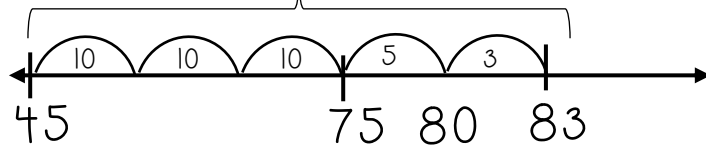
1. Look at the ones first. Can you subtract?
2. If not, decompose a ten to make 10 ones. Make the changes in expanded form.
3. Now subtract.
4. Then add the tens and ones together.

Number Line

$$83 - 45 = ?$$
$$45 + ? = 83$$

$$30 + 5 + 3 = 38$$

45   10   10   10   5   3   75   80   83

1. Turn it into an addition problem first.
2. Count up to get to the total.
3. Add the hops on the number line to figure out the answer.