

Breaking Apart (Understanding Place Value for Addition)

Model and Draw

**Break apart the addends into tens and ones.
Add the tens and add the ones.
Then find the total sum.**

Tens	Ones
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27	→	20	+	7
+ 48	→	40	+	8

20	40
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60	+	15	=	75
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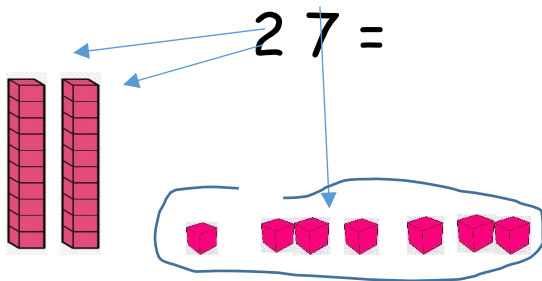
60 + 15

/
10 5

70 + 5 = 75

<u>60</u>	+	<u>15</u>	=	<u>75</u>
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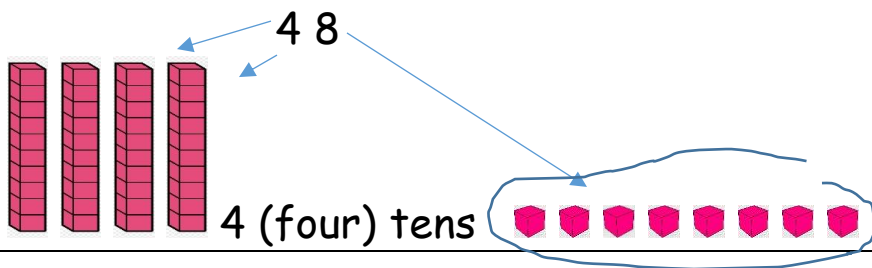
Using manipulatives (or "base ten" blocks)



"two tens" = 20

seven "ones" = 7

$20 + 7 = 27$

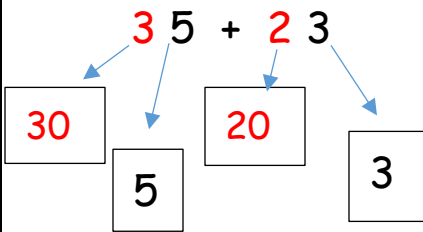
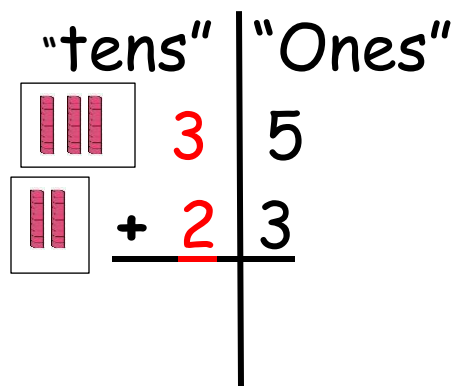


4 (four) tens

8 ones = $40 + 8 = 48$

Show me what you remember from our Envision math lessons.
Look at the model on page 1

Break these addition problems to find the sum (or total).
Example



Step 1---**First** "break apart" each addend according to its value.

Step 2—**Next**, add only the "tens" $30 + 20 = 50$

Step 3- Then, add only the "ones" $5 + 3 = 8$

Step 4—Finally, add the "tens" and "ones" together to get the total.

$$50 + 8 = 58$$

Write these in a notebook or sheet of paper. If you are using paper, keep all your work in a folder or place in the white binder.

Show me all the steps. This shows me you understand the value of each digit. (place value)

On Thursday, you will show me the (completed) Wednesday math problems for a grade.

Monday practice problems:

$$\begin{array}{r} 42 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 54 \\ \hline \end{array}$$

Tuesday practice problems:

$$\begin{array}{r} 36 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 53 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 53 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 24 \\ \hline \end{array}$$

Wednesday practice problems

$$\begin{array}{r} 34 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ + 14 \\ \hline \end{array}$$

