

G2-M4-Lesson 3

1. Solve using the arrow way.

a. $48 + 30 = 78$

$$48 \xrightarrow{+30} 78$$

I can use the arrow way to show my thinking. 30 more than 48 is 78. I just add like units, 4 tens plus 3 tens is 7 tens. The 8 ones stay the same.

$48 + 31 = 79$

$$48 \xrightarrow{+30} 78 \xrightarrow{+1} 79$$

To add 31, I add 3 tens, and then just add 1 more.

$48 + 29 = 77$

$$48 \xrightarrow{+30} 78 \xrightarrow{-1} 77$$

Adding 29 is adding 1 less than 30. I add 3 tens, and then just take 1 away.

b. $57 - 40 = 17$

$$57 \xrightarrow{-40} 17$$

40 less than 57 is 17. I just subtract like units. 5 tens minus 4 tens is 1 ten. The 7 ones stay the same.

$57 - 41 = 16$

$$57 \xrightarrow{-40} 17 \xrightarrow{-1} 16$$

To subtract 41, I subtract 4 tens and then just subtract 1 one.

$57 - 39 = 18$

$$57 \xrightarrow{-40} 17 \xrightarrow{+1} 18$$

Subtracting 39 is subtracting 1 less than 40. I subtract 4 tens and then just add 1 one.

The first problem, $57 - 40$, helps me solve the last problem, $57 - 39$. Subtracting 40 is easy, but that's 1 more than I'm supposed to take away, so I have to add 1 back, which means the answer is 18.

2. Solve using the arrow way, number bonds, or mental math.

$$\begin{array}{r} 43 + 20 = 63 \\ \swarrow \searrow \\ 40 \quad 3 \end{array}$$

I can solve mentally, in my head! 20 more than 43 is 63. A number bond is another way I can show how I add like units.