

### G2-M5-Lesson 13

I can use  $180 - 30$  to help me solve  $180 - 29$ . Since the difference in the first problem is 150, the difference in the second problem must be 1 more than 150 because I am subtracting 1 less.

1. Solve using mental math.

$8 - 3 = \underline{5}$

$80 - 30 = \underline{50}$

$180 - 30 = \underline{150}$

$180 - 29 = \underline{151}$

2. Solve using mental math or vertical form with place value disks. Check your work using addition.

a.  $223 - 121 = \underline{102}$

I can use mental math to solve because there's no renaming. I just subtract like units.  $200 - 100 = 100$ ,  $20 - 20 = 0$ , and  $3 - 1 = 2$ .  $100 + 2 = 102$ , so  $223 - 121 = 102$ . I can check my work by adding:  $102 + 121 = 223$ .

b.  $378 - 119 = \underline{259}$

I can solve this one mentally, too, using compensation. If I add 1 to each number, I make a problem that's easier to solve,  $379 - 120$ . There's no renaming, so I just subtract like units. The answer is 259.

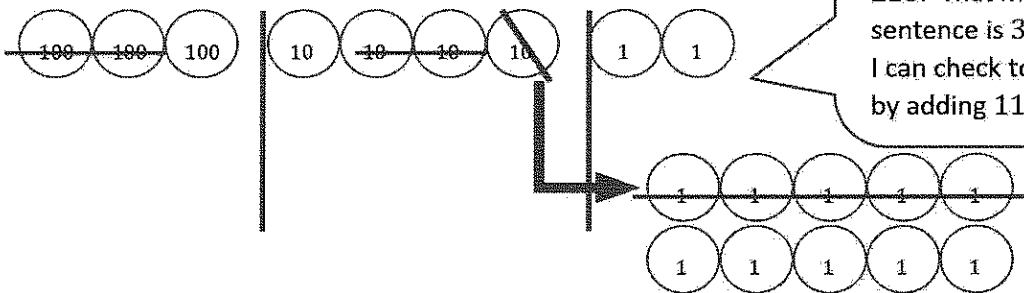
+1	378
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+1	119
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I know that part plus part equals whole, so if I'm right,  $259 + 119$  must equal 378. When I check my work, I see that I'm right!

$$\begin{array}{r} 259 \\ + 119 \\ \hline 378 \end{array}$$

3. Complete the number sentence modeled by place value disks.



The model shows the whole, 342. 2 hundreds 2 tens 5 ones are crossed off. That's 225. That means the number sentence is  $342 - 225 = 117$ . I can check to see if I'm right by adding 117 and 225.

$342 - 225 = 117$

$$\begin{array}{r} 117 \\ + 225 \\ \hline 342 \end{array}$$