

G1-M4-Lesson 27

For the following problems, solve using the strategy that makes you feel most comfortable.

1. $15 + 17 = \underline{32}$



$$17 + 10 = 27$$

$$27 + 5 = 32$$



I feel more comfortable using quick tens and ones. I can draw 17 with one quick ten and 7 ones. I draw the ones with 5 closed circles and 2 open circles, to help me see how many more 7 needs to make a new ten.

I can break apart 15 into 10 and 5, and add a quick ten next to the quick ten in 17. Now I only have 5 more to add. I use x's to draw this part to help keep track of how many I need to draw. I add 3 x's to the 7 ones in 17. I draw a line through the circles and x's because 7 and 3 makes a ten, I have 2 more to draw, I can draw 2 more x's. My drawing shows 32.

2. $18 + 14 = \underline{32}$

$$18 + 10 = 28$$

$$28 + 4 = 32$$

For this problem, I feel most comfortable using the add ten first strategy, which means I break apart 14 into 10 and 4, and then I add 10 and 18 which makes 28. I have 4 more to add. 28 and 4 is 32.

3. $19 + 12 = \underline{31}$

$$19 + 2 = 21$$

$$21 + 10 = 31$$

For this problem, I feel most comfortable adding the ones first. 12 is ten and 2. I can add the 2 to 19, which makes 21. Then, I can quickly add the 10 to get the answer.

4. $19 + 18 = \underline{37}$

$$19 + 1 = 20$$

$$20 + 17 = 37$$

For this problem, I feel most comfortable making a 10. I know that 19 needs one more to make 20. I can easily break apart 18 into 1 and 17.