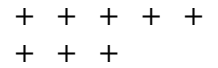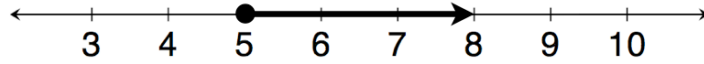| Expression	Number Line Model	Tile Spacer Model

Ex. 1 $\quad 5 + 3$

Ex. 2 $\quad (-5) + 3$
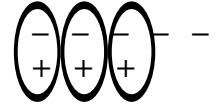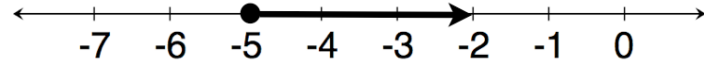
Ex. 3 $\quad 5 + (-3)$

Ex. 4 $\quad (-5) + (-3)$
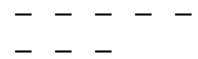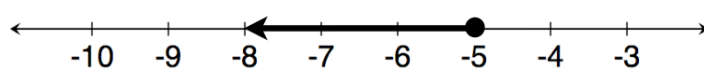
1. $\ 4 + 6$
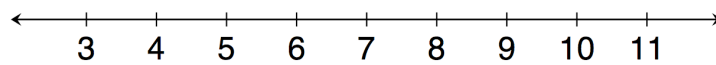
2. $\ (-4) + 6$
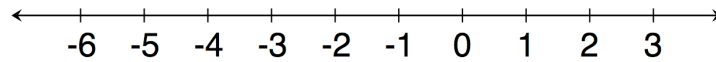
3. $\ 4 + (-6)$
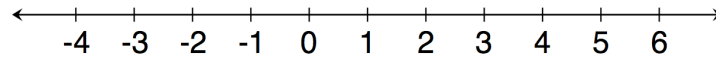
4. $\ (-4) + (-6)$

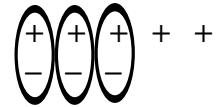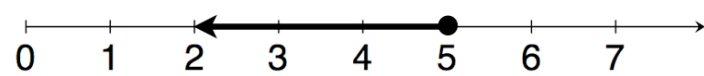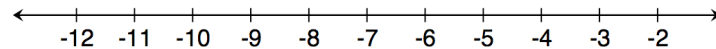| **Expression**	**Number Line Model**	**Tile Spacer Model**
5. $-3 + 7$		
6. $3 + 7$		
7. $(-3) + (-7)$		
8. $3 + (-7)$		
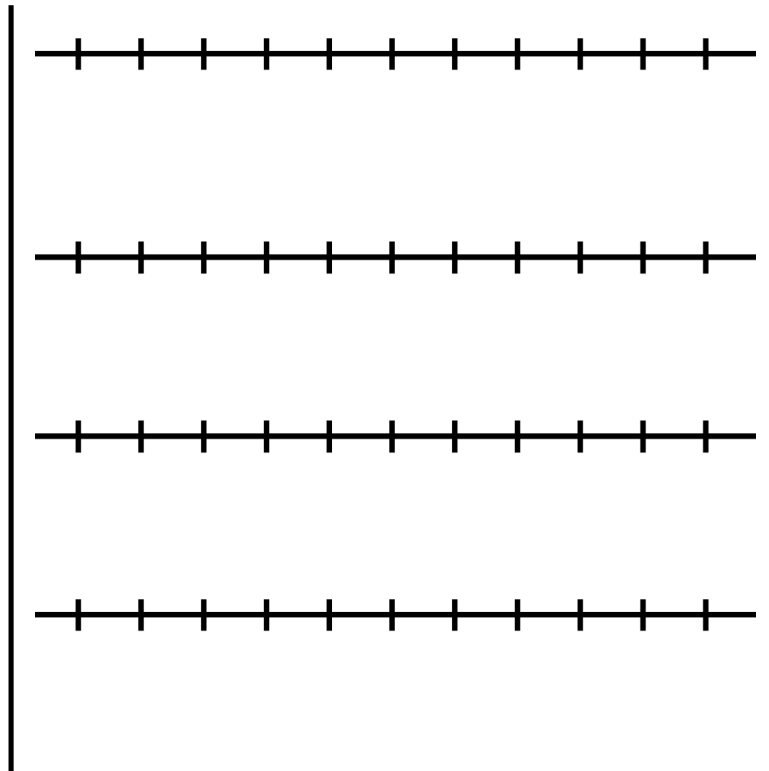
9. Now that you have used models to add integers, is there a way to add integers without using a number line or tile spacers? Did you discover any patterns that you can use to make rules for adding integers?

_____

_____

_____

10. Write down some of the rules you may have come up with (or rules you may have learned previously).

If the signs are the same… _____

If the signs are different… _____

Bonus: See if you can use the rules to add the following integers.

11. $-14 + 32$ **12.** $-17 + (-21)$ **13.** $22 + (-39)$ **14.** $-43 + 25$