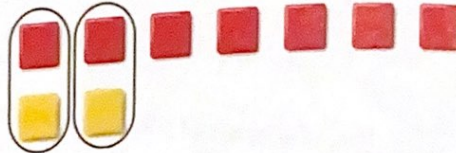


**What Do I Need to Know?**

**✓ Adding Integers**

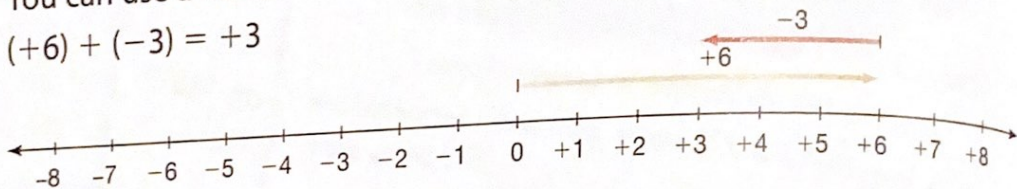
- You can use tiles to add integers.

$$(-7) + (+2) = -5$$



- You can use a number line to add integers.

$$(+6) + (-3) = +3$$



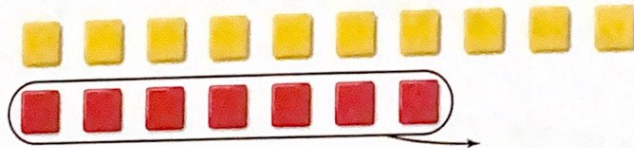
**✓ Subtracting Integers**

- You can use tiles to subtract integers:  $(+3) - (-7)$

We need enough red tiles to take away 7 of them.

Model  $+3$ :

Since there are not enough tiles to take away  $-7$ , add 7 yellow tiles and 7 red tiles. Now take away 7 red tiles. There are 10 yellow tiles left.



$$(+3) - (-7) = +10$$

- You can also subtract by adding the opposite:

$$\begin{aligned} (-5) - (-8) &= (-5) + (+8) \\ &= +3 \end{aligned}$$

- You can use a number line to subtract integers.

$$(-4) - (+7)$$

Add the opposite:  $(-4) + (-7)$

Use a number line.

$$(-4) - (+7) = -11$$

