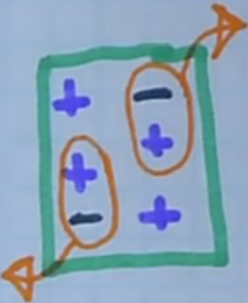


Adding + Subtracting Integers P. 130

$+$ = 1 $-$ = -1 $\begin{matrix} + \\ - \end{matrix}$ = zero
 "zero pair"

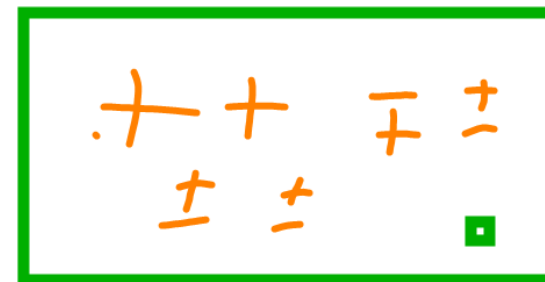


$4 + (-2) = 2$
 ↑
 Add on tiles

Reciprocal Teach:

Partner A - What is a zero pair and what does it do?

Partner B - Explain how the example shown at left shows addition.



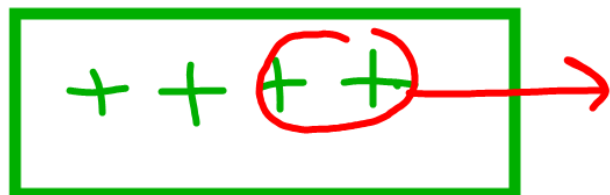
Subtracting Integers!

p. 130

Ex)

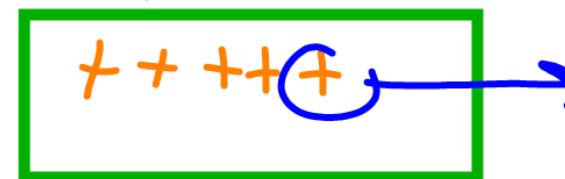
$$+4 - 2 = 2$$

Remove



$$+5 - 1 = 4$$

Remove

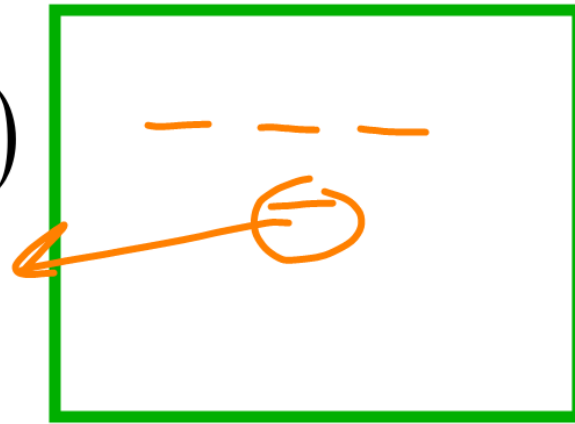


$$-4 - (-3) = -1$$

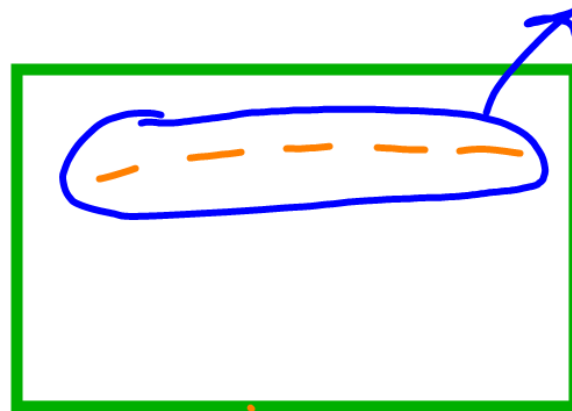
Remove



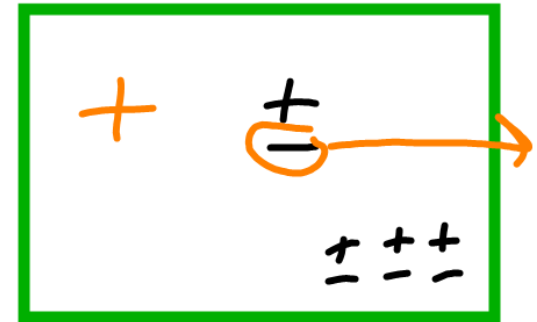
$$-3 = (-4) - (-1)$$



$$0 = (-5) - (-5)$$



$$1 - (-1) = 2$$



How do we remove tiles when the value of the space does not have those tiles available?

When we don't have available tiles, we can add zero pairs.

$$1 - (-1)$$

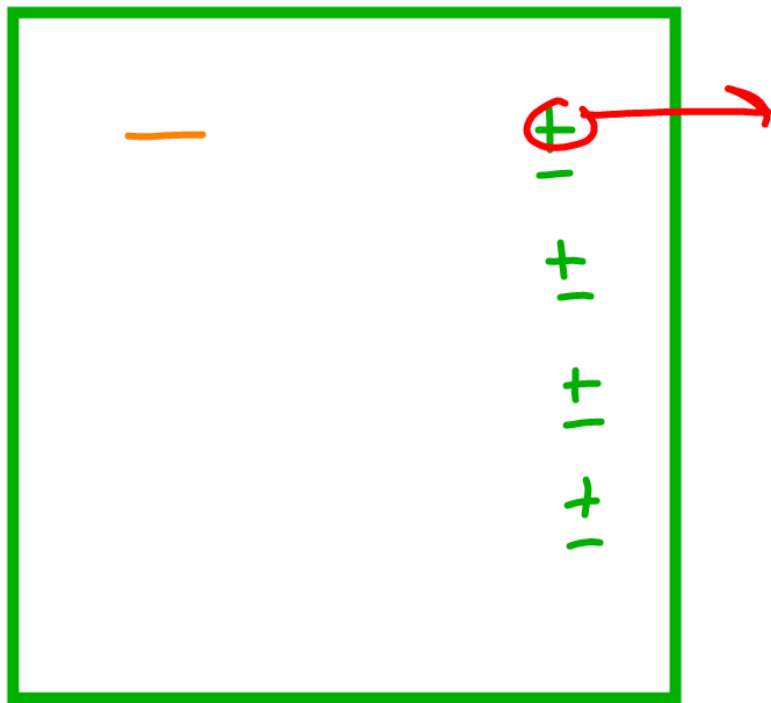


?

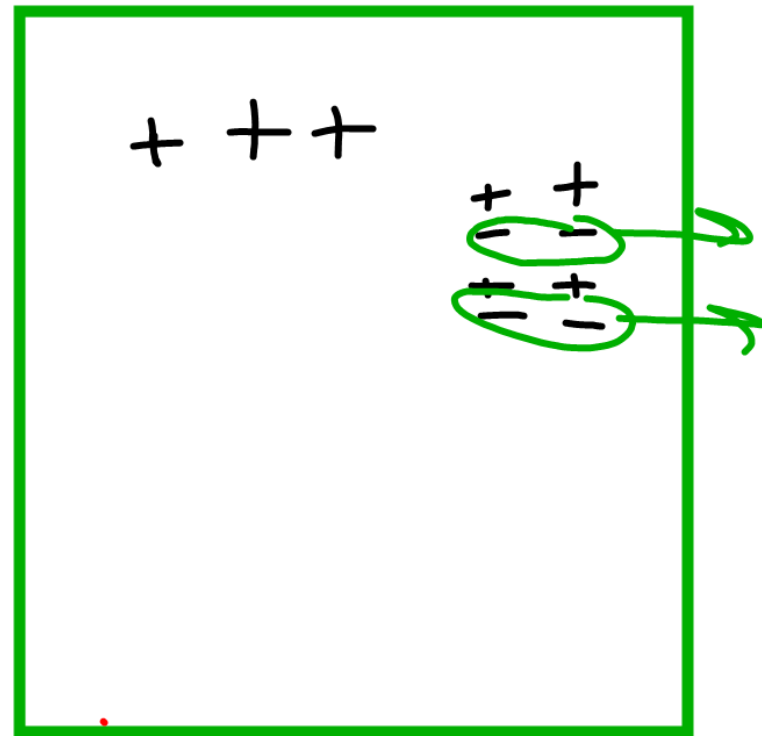
Why??



$$(-1) - +1 = -2$$



$$3 - (-4) = 7$$



How do we remove tiles when the value of the space does not have those tiles available?

Add zero pairs

Evaluate each expression. Draw tiles to represent each.

$$2 + (-5)$$

$$1 - (-3)$$

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

$$(-4) - (-2)$$