

11.3 (pg.490) Subtracting Integers

Step 1: **Keep** the 1st sign the same.

Ex. $-8 \ominus +3 \longrightarrow -8$ stays -8

Step 2: **Change** the subtraction sign to an addition sign.

Ex. $-8 \ominus +3 \longrightarrow -8 \oplus +3$

Step 3: **Flip** the 2nd sign.

Ex. $-8 \oplus +3 \longrightarrow -8 \oplus -3$

Step 4: Use the rules of adding integers to solve (lesson 11.2).

$$\text{Ex. } -8 \oplus -3 = -11$$

KEEP...**C**HANGE...**F**LIP!

Examples:

$$-6 \ominus -3 = \quad +3 \ominus +7 =$$

$$-9 \ominus +8 = \quad +5 \ominus +1 =$$

$$+4 \ominus -7 = \quad -8 \ominus -9 =$$

Pg 492 ...NOW!!!