

Subtracting Integers w/ Rules

Sept 19, 2023

Steps:

1.) Change to Add the Opposite

↳ Keep the first term the same

↳ Change the subtraction to addition

↳ Change the sign after to the opposite

Same

Add

Opposite

2.) Add

↳ Signs same, add, keep the sign

↳ Signs different, subtract, take the bigger sign

* Only change signs when subtracting *

$$\begin{aligned}\text{Example: } & (+14) - (-12) \\ & = (+14) + (+12) \\ & = +26\end{aligned}$$

$$\begin{aligned}\text{Try: } & (-7) - (-15) \\ & = (-7) + (+15) \\ & = +8\end{aligned}$$

$$\begin{aligned}\text{Try: } & (-12) - (+6) \\ & = (-12) + (-6) \\ & = -18\end{aligned}$$