

3-5 Solving Equations by Adding or Subtracting Decimals

Example 1:

$$\begin{array}{r} n + 4.5 = -9.7 \\ - 4.5 \quad - 4.5 \\ \hline n = 14.2 \end{array}$$

- * isolate the variable
- * do the opposite operation

Example 2:

$$\begin{array}{r} n + (-5) = 20 \\ n - 5 = 20 \\ + 5 \quad + 5 \\ \hline n = 25 \end{array}$$

- * go to parentheses
- * $+ \rightarrow -$

Decimals

- * line up decimals when adding and subtracting
- *

CW: TB pg. 144 # 16-26 ALL