

## Add + Subtract Equations with Rational numbers (decimals/fractions)

- \* follow the rules for solving equations
- \* remember the Special Rules for fractions + decimals
- clear the fractions!

$$\begin{array}{r} \textcircled{1} \quad 3.2 = x - 5 \\ +5.0 \quad +5 \\ \hline 8.2 = x \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 1.5 = x - 9 \\ +9.0 \quad +9 \\ \hline 10.5 = x \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad x - 2.4 = -5.0 \\ +2.4 \quad +2.4 \\ \hline x = -2.6 \end{array}$$

↙ opposite signs subtract

$$\begin{array}{r} \textcircled{4} \quad x - 4.7 = -12.0 \\ +4.7 \quad +4.7 \\ \hline x = -5.3 \end{array}$$

↙ opposite signs

$$\begin{array}{r} \textcircled{4} \quad x + 6 = 2.07 \\ -6 \quad -6.00 \\ \hline x = -3.93 \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad x + 8 = 4.08 \\ -8 \quad -8.00 \\ \hline x = -3.92 \end{array}$$

$$\begin{array}{r} 5 \text{ 9 10} \\ 6.00 \\ -2.07 \\ \hline 3.93 \end{array}$$

$$\begin{array}{r} 7 \text{ 9 10} \\ -8.00 \\ 4.08 \\ \hline -3.92 \end{array}$$