

Adding Rational Numbers

Rational Number: A number that can be expressed as a fraction of 2 integers

EX. $2\frac{3}{4} + (-7\frac{1}{2})$

$$\frac{11}{4} + (-\frac{15}{2})$$

$$\frac{11}{4} + -\frac{30}{4} = \frac{11-30}{4} = \frac{-19}{4} = \boxed{-4\frac{3}{4}}$$

EX. $|-4| + |2.25|$

$$4 + 2.25$$

$$\boxed{-1.75}$$

$$\begin{array}{r} 9 \\ 3 \cancel{4} \cancel{10} \\ - 2.25 \\ \hline 1.75 \end{array} \quad \begin{array}{r} 9 \\ 3 \cancel{4} \cancel{10} \\ - 2.25 \\ \hline \end{array}$$

Pg. 84 (1-33 All) Check answers.