

MY FAVORITE MISTAKES

Below are examples of my favorite mistakes. For each example below:

- Circle the mistake.
- Describe what should have been done differently.
- What is the correct answer?

Example 1

$$\begin{aligned}\frac{-2x}{-2} &> \frac{6}{-2} \\ x &> -3\end{aligned}$$

Example 2

$$\begin{aligned}3x + 90 &> 0 \\ \frac{3x}{3} &> \frac{-90}{3} \\ x &< -30\end{aligned}$$

Example 3

$$\begin{aligned}-x - 12 &\geq 36 \\ \frac{-x}{-1} &\geq \frac{48}{-1} \\ x &\geq -48\end{aligned}$$