



Mar 11-9:05 AM

$$\begin{aligned}
 x &= -\frac{31}{10} \\
 126 - 25x - 67 &= -15(x-6) \\
 \frac{126}{1} - \frac{25}{1} \cdot \left(-\frac{31}{10}\right) - \frac{67}{1} &= -\frac{15}{1} \left(-\frac{31}{10} - \frac{6}{1}\right) \\
 \left[\frac{126}{1} + \frac{155}{2}\right] - \frac{67}{1} &= -\frac{15}{1} \left(\frac{-31-60}{10}\right) \\
 \frac{252 + 155}{2} - \frac{67}{1} &= -\frac{15}{1} \cdot \left(\frac{-91}{10}\right) \\
 \frac{407}{2} - \frac{67}{1} &= \frac{273}{2} \\
 \frac{407 - 134}{2} & \\
 \frac{273}{2} &= \frac{273}{2} \quad \checkmark
 \end{aligned}$$

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2.3 #9) LCM: 24

$$\begin{aligned}
 \frac{5}{8}x - \frac{3}{4} &= \frac{11}{12}x \\
 \left[\frac{5}{8}x - \frac{3}{4}\right] \cdot \left[\frac{24}{1}\right] &= \left[\frac{11}{12}x\right] \cdot \left[\frac{24}{1}\right] \\
 15x - 18 &= 22x \\
 -22x + 18 &= -22x + 18 \\
 -7x &= 18 \\
 \frac{-7x}{-7} &= \frac{18}{-7} \\
 \boxed{x = -\frac{18}{7}}
 \end{aligned}$$


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$$\begin{aligned}
 15x - 18 &= 22x \\
 -15x &= -15x \\
 -18 &= 7x \\
 \frac{-18}{7} &= \frac{7x}{7} \\
 \boxed{-\frac{18}{7} = x}
 \end{aligned}$$

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For Today

Turn in on a new sheet of paper all problems w/ checks on 2.2 & 2.3  
6-14      3-14

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