

March 2, 2015

$$2\boxed{x} + 6 = 12$$

Mar 2-9:04 AM

Start Doing
Sections 3.1 - 3.4 CO 2

Mar 2-9:08 AM

① $\frac{1}{8} - \frac{1}{3}$ $\frac{3}{24} - \frac{8}{24}$

② $\frac{2}{5} + \frac{5}{7}$ $\frac{14}{35} + \frac{25}{35}$

alternating Division

$$= -\frac{5}{24} \cdot \frac{35}{39}$$

$$= -\frac{175}{936}$$

Mar 2-9:10 AM

$$\frac{1}{8} + \left(-\frac{1}{3}\right) = \left(-\frac{1}{3}\right) + \frac{1}{8}$$

$$\frac{1}{8} - \frac{1}{3} \neq \frac{1}{3} - \frac{1}{8}$$

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$\frac{11}{12} + \frac{8}{9}$ $\frac{33}{36} + \frac{32}{36}$

$\frac{2}{7} - \frac{1}{3}$ $\frac{6}{21} - \frac{7}{21}$

JCD: 21

$$= \frac{65}{36} - \frac{1}{21}$$

$$= \frac{65}{36} \cdot \frac{7}{7} - \frac{4}{21}$$

$$= -\frac{455}{12}$$

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$$\frac{11}{12} \cdot \frac{3}{3} = \frac{33}{36}$$

Mar 2-9:38 AM

$12 \begin{matrix} \wedge \\ \textcircled{2} \cdot 6 \\ \textcircled{2} \cdot \textcircled{2} \cdot \textcircled{3} \end{matrix}$
 $9 \begin{matrix} \wedge \\ \textcircled{3} \cdot \textcircled{3} \end{matrix}$

$12 = 2 \cdot 2 \cdot \textcircled{3}$ ~~12~~ ~~24~~ ~~36~~ ✓
 $9 = 3 \cdot \textcircled{3}$

Mar 2-9:34 AM

$\textcircled{1} \text{ LCD: } 9 \rightarrow 27$

$$\frac{8}{9} + \frac{1}{3} = \frac{8 + 3}{9}$$

$$\frac{8}{9} \cdot \frac{1}{1} = \frac{8}{9} = \frac{8}{9}$$

$$\frac{1}{3} \cdot \frac{3}{3} = \frac{3}{9}$$

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$$\frac{8}{9} + \frac{1}{3} = \frac{24 + 9}{27}$$

$$\frac{8}{9} \cdot \frac{3}{3} = \frac{24}{27} = \frac{3 \cdot 3}{27}$$

$$\frac{1}{3} \cdot \frac{9}{9} = \frac{9}{27} = \frac{3 \cdot 11}{3 \cdot 3 \cdot 3}$$

$$= \frac{11}{9}$$

Mar 2-9:46 AM