

September 21, 2015
 * Exam # - Friday
 80% Concepts
 20% Doing

Sep 21-9:03 AM

$-(-3)$ \rightarrow $(-1) \cdot (-3)$ \rightarrow 3

$-|-3|$ \rightarrow $(-1) \cdot 3 = -3$ \rightarrow abs \rightarrow grouping symbol

Sep 21-9:10 AM

Fractions
 Addition w/ Unlike Denominators

$\frac{5}{12} - \frac{1}{2}$ $\text{LCD} = 12$ $\text{LCD} = 12$

$\frac{5}{12} - \frac{6}{12} = \frac{-1}{12}$

$\frac{1}{2} \cdot \frac{6}{6} = \frac{6}{12} = \frac{1}{2}$

FACT
 $-\frac{a}{b} = \frac{-a}{b} = \frac{a}{-b}$

Sep 21-9:14 AM

$\frac{24}{63} - \frac{15}{56}$ $\text{LCD: } 63 \cdot 56 = 3528$

$\frac{24 \cdot 56 - 15 \cdot 63}{3528} = \frac{1344 - 945}{3528}$

$= \frac{399}{3528} = \frac{57}{504} = \frac{19}{168}$

Sep 21-9:24 AM

$\frac{5}{7} - \frac{3}{11} = \frac{55-21}{77}$

$\frac{5}{1} - \frac{2}{9} = \frac{45-2}{9}$

$= \frac{34}{9}$ K C F

$= \frac{34}{77} \cdot \frac{9}{43}$

$= \frac{306}{3311}$

Sep 21-9:37 AM