

November 30, 2016
 Exam # 3
 ① Chp 5.6
 ② Chp 6 all
 ③ Chp 7.3

Nov 30-10:02 AM

$$\frac{5}{24r^2} + \frac{17}{36r^2}$$

$24 = 2^3 \cdot 3$
 $36 = 2^2 \cdot 3^2$
 $LCM: 2^3 \cdot 3^2 = 8 \cdot 9 = 72$

$$\frac{5 \cdot 3r + 17 \cdot 2r}{72r^2} = \frac{15r + 34r}{72r^2}$$

$$\frac{72r^2}{24r^2} = 3r$$

$$\frac{72r^2}{36r^2} = 2r$$

Nov 30-10:04 AM

$$\begin{array}{r} 24 \cdot 19 = 456 \\ 36 \cdot 19 = 684 \\ \hline 1140 \end{array}$$

Nov 30-10:25 AM

FPZ

$$\frac{a}{b} \cdot \frac{c}{c} = \frac{ac}{bc}$$

$$\frac{5}{24r^2} \cdot \frac{3r}{3r} = \frac{15r}{72r^2}$$

Nov 30-10:28 AM

7.3
 #42) $\frac{4r^2 - 5r - 8}{r^2}$

LCM

$$\frac{4r^2}{r^2} - \frac{5r}{r^2} - \frac{8}{r^2}$$

$$\frac{4}{r} - \frac{5}{r} - \frac{8}{r^2}$$

Nov 30-10:31 AM



Nov 30-10:36 AM