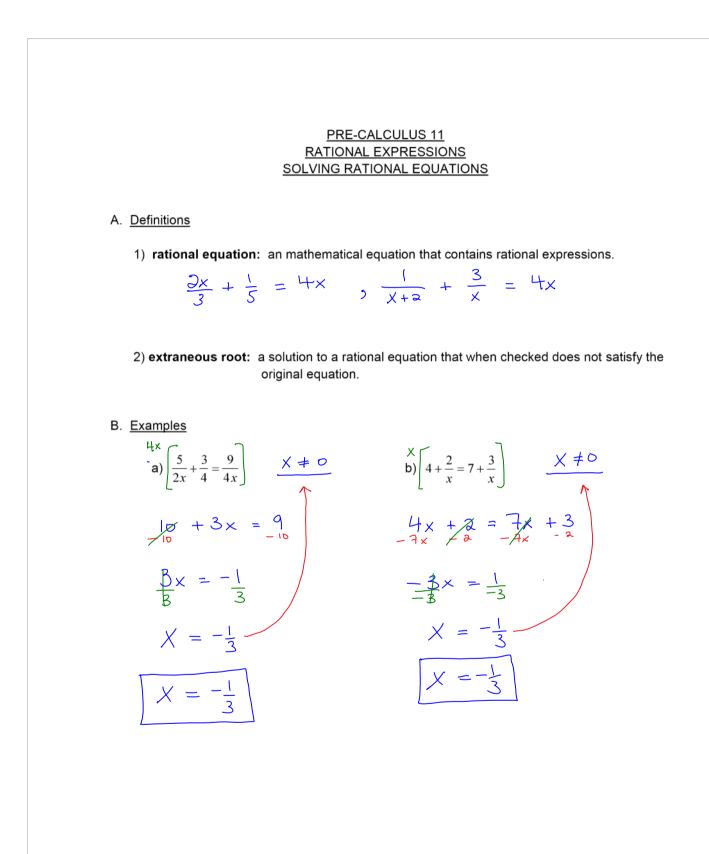
## Solving Rational Equations

May-13-19 2:44 PM



$$e^{-\frac{2}{x+2}} e^{-\frac{x^{2}+4}{(x+2)(x-2)}} e^{-\frac{x}{x-2}} x = -\frac{x}{x-2}$$

$$e^{-\frac{x}{x+2}} e^{-\frac{x^{2}-4}{(x+2)(x-2)}} e^{-\frac{x}{x-2}}$$

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$$e^{-\frac{x}{x+2}} e^{-\frac{x}{x+2}}$$

Assignment: Rational Equations Assignment #6, 7, 8, 9

Rational Expressions Lesson #7: Rational Equations 639

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5. Solve and verify.  
a) 
$$\frac{y}{2} - \frac{y}{5} = 18$$
 b)  $2a - \frac{a+2}{3} = \frac{a+3}{4}$  c)  $\frac{1}{5}(3x+1) - 7 = \frac{1}{2}(x-1) - 2x$   
6. Solve and verify  
a)  $\frac{6a+3}{2a-3} = \frac{3}{2}$  b)  $\frac{2}{m+1} = \frac{8m}{m+1} - 3$  c)  $\frac{5a-3}{a+7} = \frac{5a-14}{a+1}$ 

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