

## Section 6.3: cont'd:

Tuesday, November 12, 2013  
8:33 AM

combine:

$$\frac{8a}{2a^2 + 4a + 2} - \frac{3a - 3}{a^2 - 1}$$

$$\frac{8a}{2(a+1)(a+1)} - \frac{3(\cancel{a-1})}{(\cancel{a-1})(a+1)} \left( \frac{2(a+1)}{2(a+1)} \right)$$

$$\text{LCD: } 2(a+1)(a+1)$$

$$\frac{8a}{2(a+1)(a+1)} - \frac{6a + 6}{2(a+1)^2}$$

$$\frac{2a - 6}{2(a+1)^2}$$

$$\frac{\cancel{2}(a-3)}{\cancel{2}(a+1)^2}$$

$$\frac{a-3}{(a+1)^2}$$