



December 4, 2015
 Last Day of Class!

 * Final Exam - Monday
 @ 8:00 am


Dec 4-9:10 AM

#2) $\frac{D^2}{t^2} \div \frac{6D^4}{t^4}$

$\frac{D^2}{t^2} \rightarrow \frac{t^4}{6D^4} = \frac{\cancel{D^2} t^4}{6 \cancel{t^2} D^4}$

$= \frac{t^2}{6D^2}$

Dec 4-9:23 AM

#3) $1 - \frac{2}{x} = \frac{3}{x^2}$ LCD: x^2

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

$x^2 - 2x = 3$ * Set one side equal to zero!

$x^2 - 2x - 3 = 0$ * factorable

$(x-3)(x+1) = 0$ Zero Factor Theorem! $ab=0$

① $x-3 = 0$
 $x = 3$

② $x+1 = 0$
 $x = -1$

Dec 4-9:29 AM

$(2x - 8x^3)$

$2x(1 - 4x^2)$

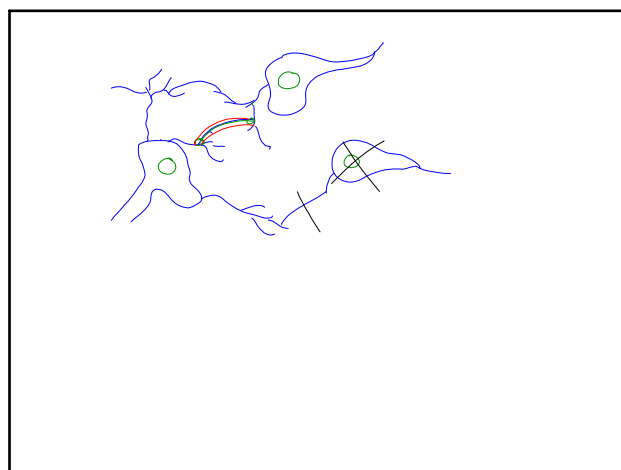
Diff of Two Squares

Dec 4-9:36 AM

$a(b+c) = ab+ac$

$(2x+4) = 2(x+2)$

Dec 4-9:37 AM



Dec 4-9:41 AM



Dec 4-9:48 AM