	Final Exam Practice Sheet #2	Answers
	Solve for x: $\frac{2}{x+3}-\frac{5}{x+2}=\frac{7}{x^2+5x+6}$	$x=-6$
	Solve for x: $3<-2x+1\leq 11$	$[-5,-1)$
	After completing the square the quadratic equation $x^2+10x+2=0$ is equivalent to _____.	$(x+5)^2=23$
	Simplify: $\sqrt[3]{\frac{27x^{24}}{y^{12}}}$	$\frac{3x^8}{y^4}$
	Evaluate: $27^{-\frac{2}{3}}$	$\frac{1}{9}$
	Subtract: $3\sqrt{20}-2\sqrt{45}$	0
	Divide: $\frac{\sqrt{50x^{12}}}{\sqrt{2x^4}}$	$5x^4$
	Simplify: $\frac{\frac{3}{5x}-\frac{2}{x}}{4+\frac{7}{5x}}$	$\frac{-7}{20x+7}$
	Add: $\frac{2}{x^2+3x}+\frac{x}{x^2+5x+6}$	$\frac{x^2+2x+4}{x(x+3)(x+2)}$
	Subtract: $\frac{2}{x-3}-\frac{5}{3-x}$	$\frac{7}{x-3}$