Name: Block: *Algebra Daily 5 Week 3*

Monday		Wednesday	
Write an inequality that represents eight less than three times a number is more than 22.	$3x-8>22$	Multiply $5x^2(3x^2-8x+12)$	
What two integers does $\sqrt{7}$ fall between? A) 2 and 3 B) 4 and 5 C) 6 and 8 D) It's exactly 3.5		Simplify the expression $(5x+2)-(x-3)+\sqrt{12}\cdot\sqrt{75}$	
How long, in seconds, will it take you to drive 225 miles at a speed of 30 miles per hour?	$\frac{225m}{30m}\left\|\frac{1hr}{1hr}\right\|\frac{60min}{1min}\left\|\frac{60sec}{1min}\right.=27{,}000$ Seconds	Factor the GCF from $15x^4-40x^3+60x^2$	
Simplify the expression below. $(6x+7)(x-3)-(8-x)+8x^2$	$6x^2-11x-21-8+x+8x^2$ $14x^2-10x-29$	Describe the product of the following as rational or irrational. Explain your reasoning. $(\sqrt{9})(-3\sqrt{25})$	
What kind of numbers do you get when you find the product of 2 irrational numbers? Consider multiplying $2\sqrt{2}\cdot\sqrt{18}$ or $2\sqrt{2}\cdot\sqrt{20}$	Usually Irrational unless the product is a perfect sq. $2\sqrt{36}=12$ Rat'l $2\sqrt{40}=$ Irr	Factor the GCF from $24x-72-60x^2$	
Completion Stamp		Completion Stamp	