a.	The error here is that (x^2+9) is not a binomial that's factorable; it's not the difference of two squares: 3x^3+27x = 3x(x^2+9)
b.	because in (x^2+9) x^2 is being added to 9, you can't factor by difference of perfect squares
c.	The 9 is supposed to be negative because a negative
d.	
e.	

Answer for 27. Factor $x^3 - 8x^2 - 4x + 32$. Which is the BEST answer? The worst?		
a. x^2(x-8)-4(x-8)	b. (x-8)	c.
d.	e.	f.

IV: Completing the Square – Solve 1, 2, 3, and 6 as simply as possible x-**intercepts start x - int**

Name _____

1. $x^2 - 2 = 23$	6. $(x + 2)^2 - 3 = 13$
2. $2(x + 2)^2 - 3 = 5$	7. $x^2 + 2x - 15 = 0$ $\qquad\qquad x^2 + 2x = 24$
3.	8. $x^2 + 2x = -8$

4. $2x^2 + 8x = 10$	9. $x^2 + 2x = 5$ NO
5. $2x^2 + 3x = 5$ – use a calculator!!!**intersection zero**	10. $2x^2 + 4x = 2$ IR