**ESSENTIAL PRACTICE for FINDING Max/Min VALUES.**

***1. y = x2 – 6x + 8***

***2. y = x2 + 10x + 9***

***3. y = x2 – 5x + 11***

***4. y = x3 – 3x2 – 45x + 26***

***5. y = x3 – 6x2 – 36x + 58***

***6. y = x3 – x2 – 21x + 78***

***7. y = x3 + 2x2 – 7x + 98***

***8. y = 4x3 –24x2 – 144x + 4***

***9. y = -x(x – 6) 2***

***10. y = x(x + 3)2***

***11. y = x2( x – 6)***

 ***= x3 – 6x2***

***12. y = ⅓x3 + ½ x2 – 12x + 9***

***13. y = 4x2 – ⅔x3***