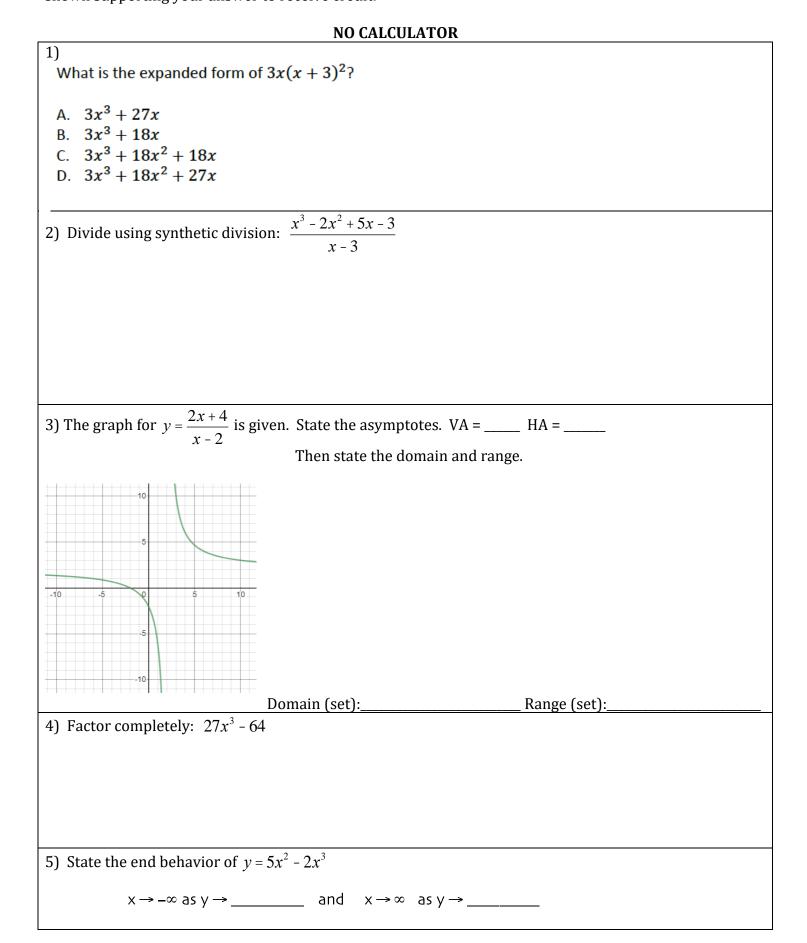
Algebra 2 - Spiral Assignment #3

Name:_____

This assignment is graded based on correct answers. However, there must be work/process shown supporting your answer to receive credit.

Date:_____ Pd:____



6) Solve by factoring: $2x^2 - 3x - 7 = 1 + 3x$ 7) Multiply and simplify: (2+3i)(4-i)8) State the x-intercepts: $x^3 - x^2 - 9x + 9 = 0$ X = _____ 9) State the possible rational zeros $\left(\frac{p}{q}\right)$: $3x^3 - 5x^2 - 7x + 6 = 0$ PRZ's = _____ 10) Find the maximum real value of the function $y = -9x^2 - 18x - 2$. **(A)** -1 (B) 7 (C) ∞ (D) No Maximum