ORDER OF OPERATIONS: _____

① $(7-5)^3 + 1 - 4^2 \cdot 6$

② $5x + \dfrac{3x+6x}{3} - 16x$

③ $7.2 - |-8.1 + 4.6|$

④ $3 \cdot 2^4 \div 12 + (3 - 2^3)$

Add & Subtract Polynomials: _____

⑤ $7x + 3(8x - 2) - y$

⑥ $-x - x + y - y$

⑦ $\dfrac{1}{5}x + \dfrac{1}{5}y - \dfrac{1}{2}\left(\dfrac{1}{3}x + \dfrac{1}{3}y\right)$

⑧ $3.1x - 2.1y + 4.02x$

⑨ $-(7x^2 - 2x + 3) - (-5x^2 + 3x + 3)$

Multiply Polynomials: _____

⑩ $\dfrac{3x}{6} \cdot \dfrac{4y}{3}$

⑪ $(7x + 3)(8x - 2)$

⑫ $(2x - 6)(2x + 6)$

⑬ $5x(6y) - (8x)(-y)$

⑭ $\left(\dfrac{x+6}{9}\right)^2$

⑮ $3x^3(2x)^2$

Multi-Step First Degree Equations: (SOLVE AND check) _____

⑯ $3(2x + 6) = 5x - 1$

⑰ $8(x + 6) - 2 = 4x + 6(x + 1)$

Factor Polynomials: _____

⑱ $4x^2 - 36$

⑲ $2x^2 - 9x - 18$

⑳ $5x(x + 3) + (x + 3)$

㉑ $10x^2 - 13x - 3$

Solve Quadratic Equations by Factoring: _____

㉒ $9x^2 - 1 = 0$

㉓ $x^2 - 10 = 3x$

㉔ $8x^2 + 10x = -3$

㉕ $3x^2 + 11x = 4$