Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Alg 1 + Dividing Polynomials Homework

$1. \left(9x³-3x²+12x\right) ÷ 3x$ 2. $\left(5x³-20x²+25x\right) ÷ 5x$

3. $\left(12x^{3}+ 8x^{2}-24x\right) ÷ 4x$ 4. $\left(x^{2}+6x+8\right) ÷ x+4$

5. $\left(x^{2}-10x+16\right) ÷ x-8$ 6. $\left(5x^{2}-6x+1\right) ÷ x-1$

7. $\left(x^{2}+5x+3\right) ÷ x+6$ 8. $\left(x^{2}-28\right) ÷ x-5$

9. $\left(4x^{2}-6\right) ÷ x+4$