Find the product or quotient for each equation.

1. $-5x^2\left(2x^2+3x-1\right) =$

2. $\frac{1}{x^3}\left(x^5-x+x^3\right) =$

3. $\left(3x^2-4x\right)\div x^3 =$

4. $-x\left(2x^2+5x+1\right) =$

5. $\frac{3x^3-x^2-x-1}{-x^3} =$

6. $-3x^4\left(x^4-\frac{1}{x^2}+2x\right) =$

7. $\left(2x^2-2x-2\right)\div 2x =$

8. $-9x\left(\frac{1}{x}+5-9x\right) =$

9. $\left(x^3-5x^2+4\right)\div x^2 =$

10. $\left(2x^5-3\right)\div a^2 =$

11. $-2x^3\left(-2x^3+3x^2-6x+6\right) =$

12. $\left(x^2-x-1\right)\div 3x^2 =$