Draw a Cartesian Coordinate Plane and Add:

1. Label the Quadrants
2. Draw the Points and Label: $A(1,0)$ $B(0,1)$ $C(1,1)$ $D(-1,-1)$
3. Draw the Line Containing the Points: $P(-1,-2)$ $Q(0,1)$

Find the Slope Between the Points

1. $A(1,1)$ $B(1,-1)$
2. $C(-2,4)$ $D(2,-6)$
3. $E(0,0)$ $F(-1,0)$
4. $G(3,4)$ $H(3,-6)$

Write the Appropriate Linear Equation

1. Write the Standard Form for a Line
2. Write the Slope-Intercept Form
3. Write the Point-Slope Form
4. Give the Four Linear Equations for the Previous Section in Each Form

Simplify:

1. $(-3x^2+2x-1)-(7x^2-4x+9)+(4x^2+9x-10)$
2. $(2x+3)\cdot(x^2-3x+1)$
3. $$\left(\frac{8a^4b^6}{2a^6b^3}\right)^2$$
4. $$\frac{12x^2+x-6}{3x-2}$$