1. **(4 points)** Solve the equation $3|x+5| = 6$ (note the absolute value bars).

2. **(4 points)** Write the equation in slope-intercept form of a line passing through the points $(4, -2)$ and $(6, 4)$.

3. **(4 points)** If $f(x) = x^2 - 3x$, simplify the following expressions:
   - **(1 point)** $f(2)$
   - **(1 point)** $f(-3)$
   - **(2 points)** $f(x+1)$

4. **(3 points)** A piecewise function is given by the formula $g(x) = \begin{cases} \sqrt{x-1} \text{ if } x \geq 1 \\ 2 - 2x \text{ if } x < 1 \end{cases}$. Evaluate the following expressions:
   - $f(2)$
   - $f(1)$
   - $f(0)$