

Name: _____ Date: _____

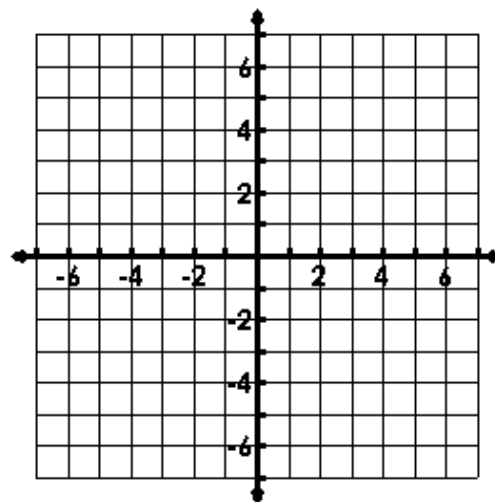
Rearrange the formulas for the given variable. SHOW ALL STEPS.

1. $\frac{p}{4} - e = t$ Solve for p

2. $D = \frac{1}{2}e(9k + h)$ Solve for h

3. Graph the piecewise function and identify the following characteristics:

$$f(x) = \begin{cases} 2 & x < -2 \\ x^2 & -2 \leq x < 1 \\ x + 1 & x \geq 1 \end{cases}$$



Range: _____

Point of Discontinuity: _____

Decreasing: _____