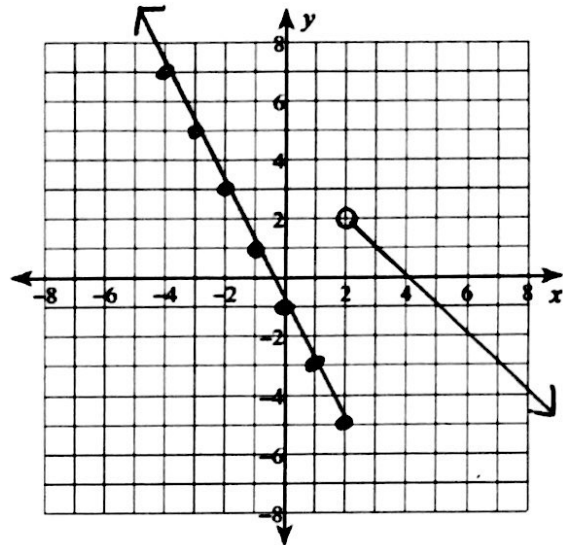
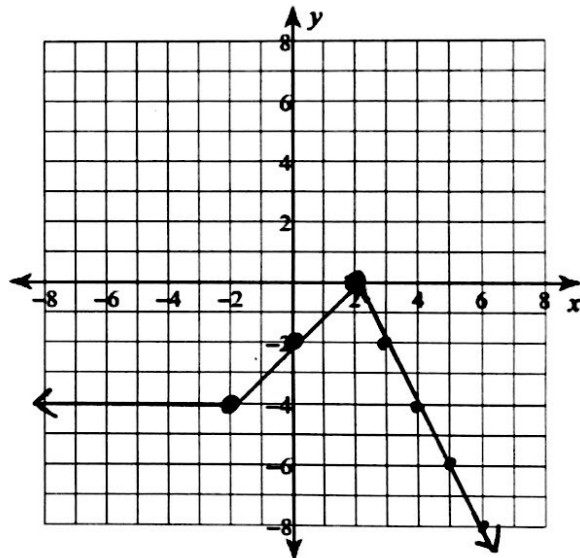


Unit 1 - Day 1 - Piecewise Functions Homework

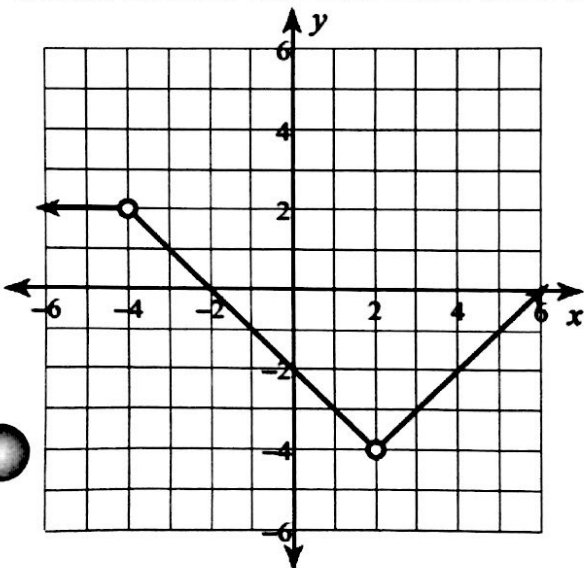
$$1) f(x) = \begin{cases} -2x - 1, & x \leq 2 \\ -x + 4, & x > 2 \end{cases}$$



$$2) f(x) = \begin{cases} -4, & x \leq -2 \\ x - 2, & -2 < x < 2 \\ -2x + 4, & x \geq 2 \end{cases}$$



Write a rule for the function show



$$f(x) = \begin{cases} 2, & x < -4 \\ -x - 2, & -4 < x < 2 \\ x - 4, & x \geq 2 \end{cases}$$