

Do Now

1. Which is the graph of

$$f(x) = \begin{cases} 2 & \text{if } x \leq 3 \\ 3 + x & \text{if } 3 < x < 5 \\ \frac{1}{2}x & \text{if } x \geq 5 \end{cases}$$

separate  
 compound  
 inequality

$(3 < x) \cap (x < 5)$

