

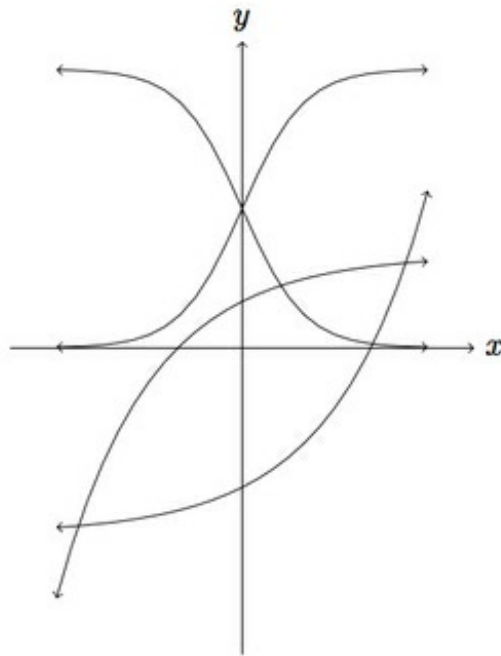
# F-IF Identifying graphs of functions

## Task

Consider the following four functions

- $f(x) = \frac{3}{1+e^{-3x}}$
- $g(x) = 1 - \frac{e^{-x}}{2}$
- $h(x) = -2 + \frac{e^x}{2}$
- $k(x) = \frac{3}{1+e^{3x}}$

Below are four graphs of functions shown for  $-2 \leq x \leq 2$ . Match each function with its graph and explain your choice:



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