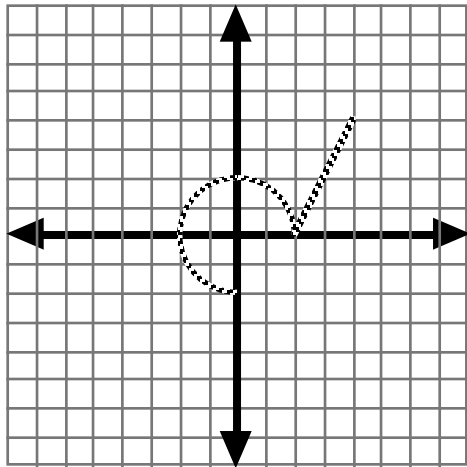


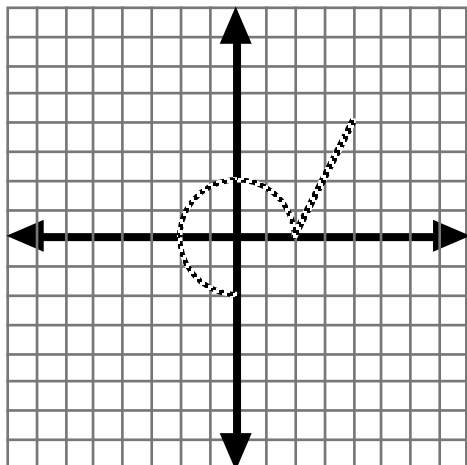
PC 12 LG 2 Worksheet (Combining Transformations)

1. Given the dotted $y = f(x)$ below:

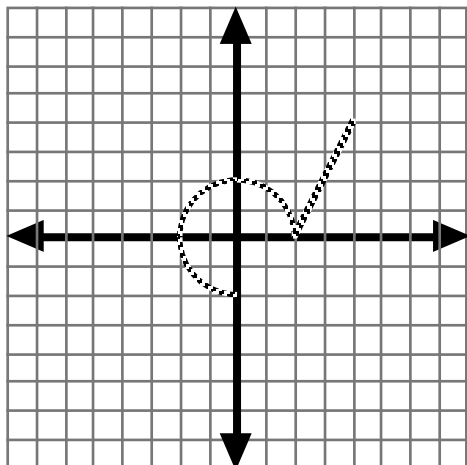
a) Find $y = 2f(x + 3) - 4$



b) Find $y = -f(-x)$

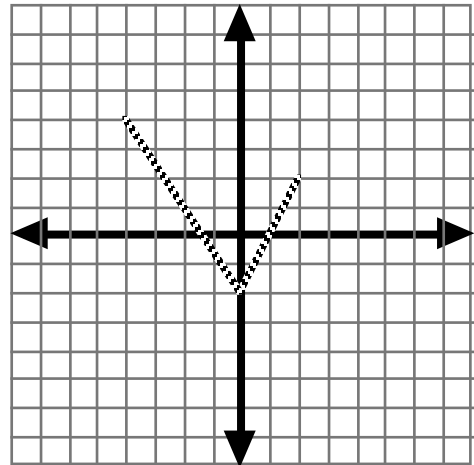


c) Find $y = f(2x + 6) - 1$

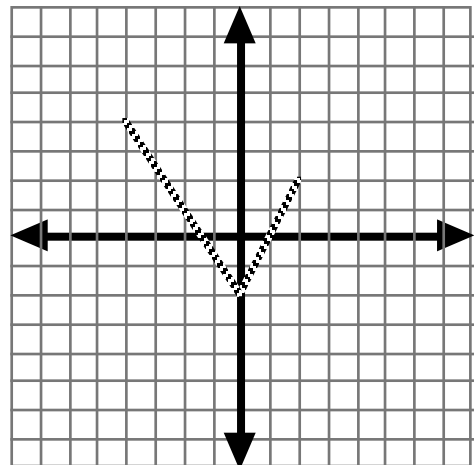


2. Given the dotted $y = f(x)$ below:

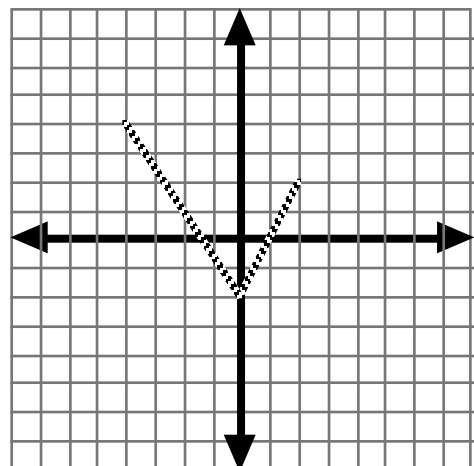
a) Find $y - 3 = \frac{1}{2}f(2(x - 2))$



b) Find $-y = f(2x - 6)$



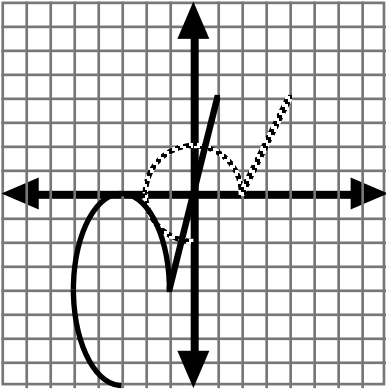
c) Find $x = f(y)$ or $y = f^{-1}(x)$



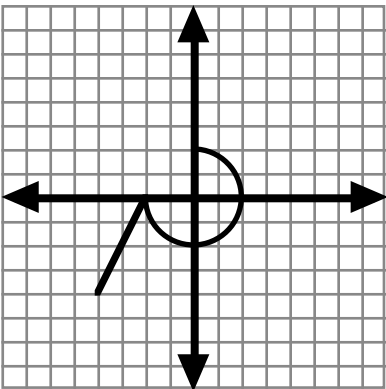
PC 12 LG 2 Worksheet (Combining Transformations)

Answer Key

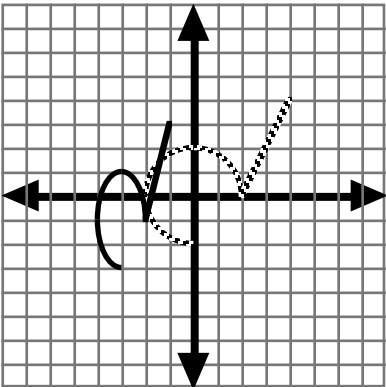
1. a.



b.

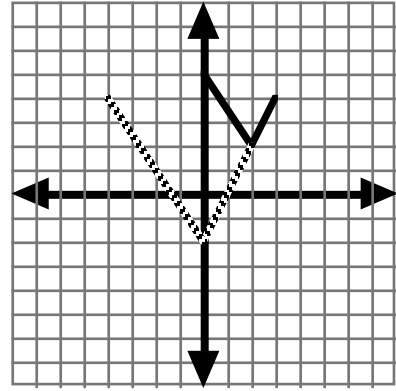


c.

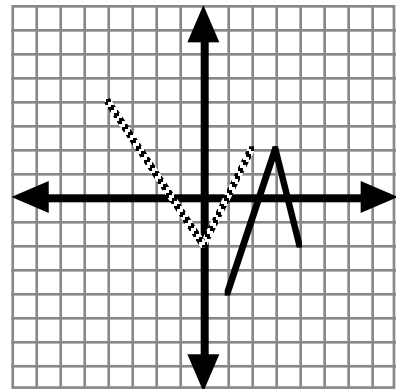


Answer Key

2. a.



b.



c.

