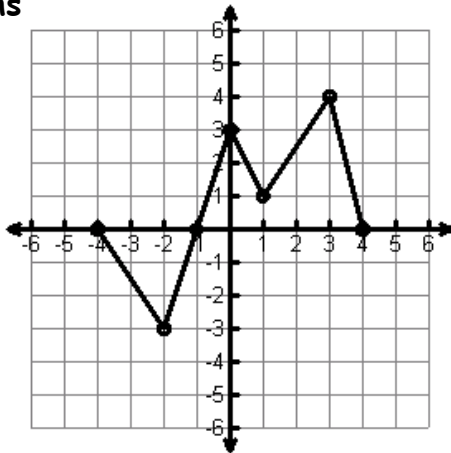


Exploring Transformations
Piecewise graphs

Given: $f(x)$



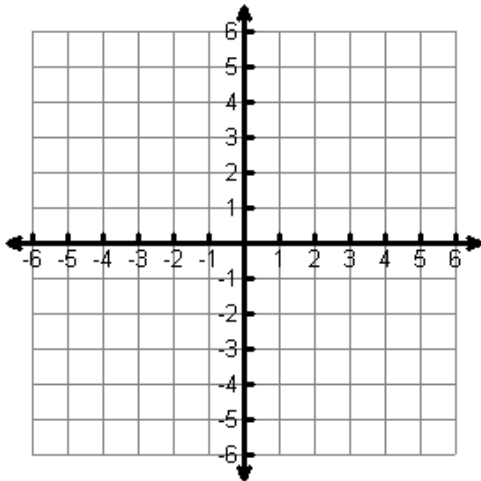
Name _____

Date _____ Period _____

Perform the indicated transformations.

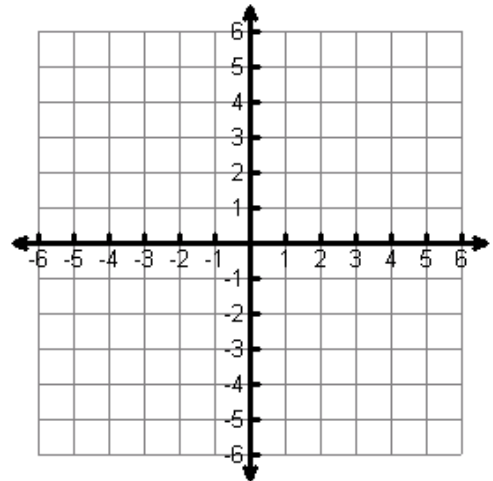
1. $y = f(x+2)$

D: _____ R: _____



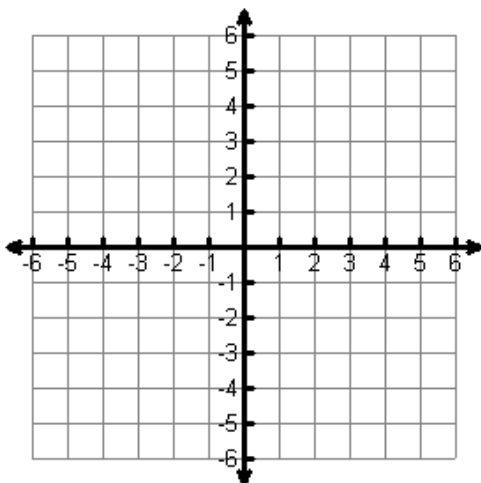
2. $y = f(x-2)$

D: _____ R: _____



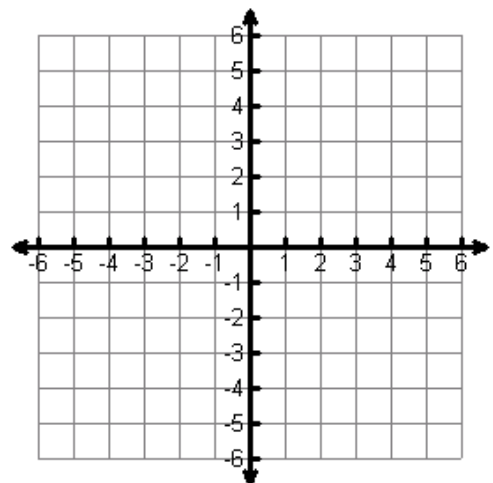
3. $y = f(x)+2$

D: _____ R: _____



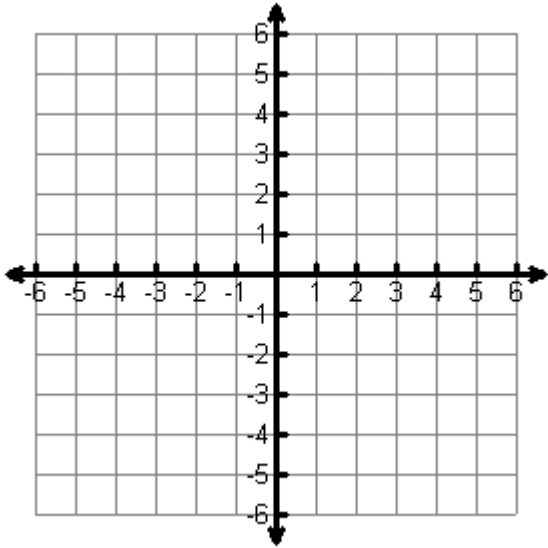
4. $y = f(x)-2$

D: _____ R: _____



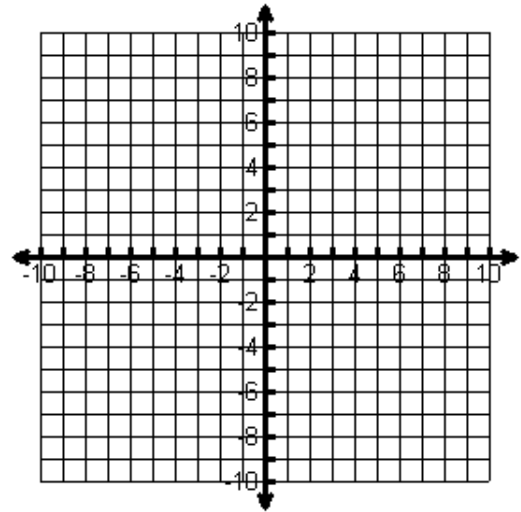
5. $y = f(2x)$

D: _____ R: _____



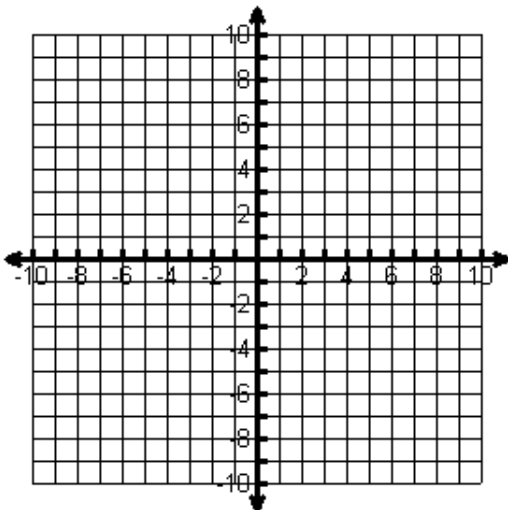
6. $y = f\left(\frac{1}{2}x\right)$

D: _____ R: _____



7. $y = 2f(x)$

D: _____ R: _____



8. $y = \frac{1}{2}f(x)$

D: _____ R: _____

