



Verify the parent function, describe the transformations, and graph each parent function with the transformations.

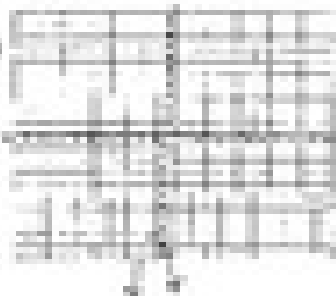
Graph  $f(x) = 2x^2 - 8$

P.F.  $= y(x) = x^2$

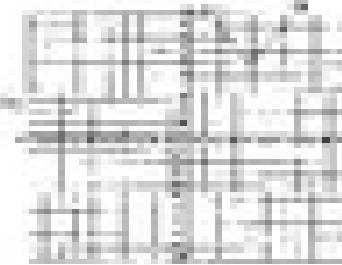
Graph  $f(x) = 2x^2 - 8$

P.F.  $= y(x) = |x|$

Reflect across  
y-axis  
stretch 2  
down 8



Stretch by 2  
Reflect across y-axis  
Stretch by 2  
down 8



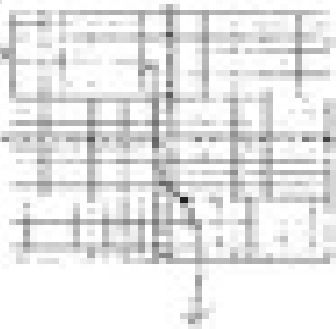
Graph  $f(x) = 2x^2 - 8$

P.F.  $= y(x) = x^2$

Graph  $f(x) = 2x^2 - 8$

P.F.  $= y(x) = |x|$

Reflect across  
y-axis  
stretch 2  
stretch 2  
down 8



Stretch across  
stretch 2  
down 8

