



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

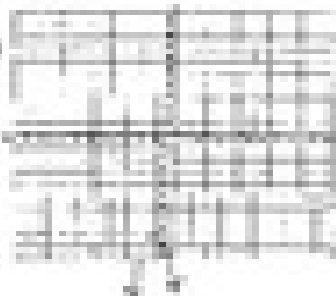
Graph $f(x) = 2x^2 - 8$

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

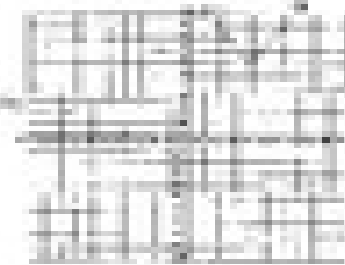
Graph $f(x) = 2x^2 - 8$

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

Reflect across
y-axis
stretch 2
down 8



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



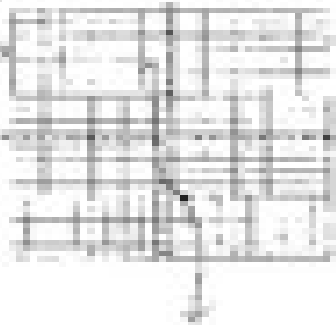
Graph $f(x) = 2x^2 - 8$

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

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

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

Reflect across
y-axis
stretch 2
stretch 2
down 8



Stretch across
stretch 2
down 8

