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12. In each graph, a parent function [Recall: $f(x) = x^2$, $f(x) = \sqrt{x}$, $f(x) = |x|$, and $f(x) = \frac{1}{x}$] has undergone a transformation of the form $f(kx)$.

Determine the equations of the transformed functions (graphed in red).

Explain your reasoning.

