$f\left(x\right)= x^{\frac{p}{q}}$ Graph Samples

p EVEN, q Odd and $\frac{p}{q}\in \left(0,1\right)$



p EVEN, q EVEN and $\frac{p}{q}\in \left(0,1\right)$



p ODD, q EVEN and $\frac{p}{q}\in \left(0,1\right)$



p ODD, q ODD and $\frac{p}{q}\in \left(0,1\right)$



p EVEN, q EVEN and $\frac{p}{q}>1$



p EVEN, q ODD and $\frac{p}{q}>1$



p ODD, q EVEN and $\frac{p}{q}>1$



p ODD, q ODD and $\frac{p}{q}>1$

