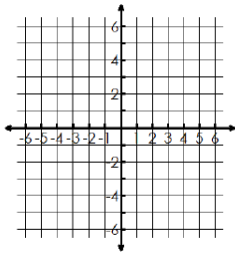


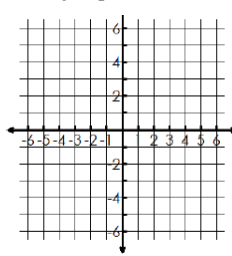
Graphing Rational Functions-Characteristics

Types of Rational Graphs:

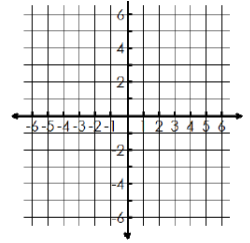
1.
Two Branches



2. Can't Touch Asymptotes



3. Goes through Horizontal Asymptote



Characteristics:

1. x-intercept(s)

2. y-intercept(s)

3. Vertical Asymptotes

4. Horizontal Asymptotes

Holes: An open _____ on the graph, (x,y) . X is found from what _____ after factoring. Y is found by _____ to the _____ equation.