Graphing Rational Functions

**State any holes and asymptotes for the following functions**

1.  2. 

**Sketch the graph of the given rational function and analyze.**



X – intercept:

Y – intercept:

V Asymptote:

H Asymptote:

Hole(s):

Domain:

Range:

End Behavior: Asymptote Behavior:





**8.**

X – intercept:

Y – intercept:

V Asymptote:

H Asymptote:

Hole(s):

Domain:

Range:

End Behavior: Asymptote Behavior:



**9. **

X – intercept:

Y – intercept:

V Asymptote:

H Asymptote:

Hole(s):

Domain:

Range:

End Behavior:



10. 

X – intercept:

Y – intercept:

V Asymptote:

H Asymptote:

Hole(s):

Domain:

Range:

End Behavior: