**HW: Finding Asymptotes and Holes 1**

**Find the Domain, vertical asymptotes and any holes for each rational function.**

1) 

*x*

*y*

2) 

*x*

*y*

3) 

*x*

*y*

4) 

*x*

*y*

5) 

*x*

*y*

6) 

*x*

*y*