Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Algebra Bootcamp for Limits!**

Rational Functions! (holes, asymptotes, intercepts, and domain)

**Directions:** For each, **(a)** find the hole(s), **(b)** the equation(s) for the vertical asymptotes, and **(c)** write the domain in interval notation. Note that there might not holes or vertical asymptotes for each. Also, **(d)** find the x- and y- intercepts for each.

Do all your work on a separate piece of graph paper. (Remember to date your paper!)

1)  2) 

3)  4) 

5)  6) 

7)  8) 

9)  10) 

11)  12) 