Polynomial and Rational Graph Review:

Write the equation of the polynomial using the following graph.

f(x) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Graph the following rational function.

Domain:

X-Intercepts:

Y-intercept:

Hole(s):

Vertical Asymptote:

Long Run Behavior: