Polynomial and Rational Graph Review:

![A picture containing shoji, text

Description automatically generated]()Write the equation of the polynomial using the following graph.

![A picture containing text

Description automatically generated]()f(x) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Graph the following rational function.

Domain:

X-Intercepts:

Y-intercept:

Hole(s):

Vertical Asymptote:

Long Run Behavior: