# Worksheet 8.4 Practice Algebra 2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Period \_\_\_\_\_

**If there is no answer to the blank on this worksheet, write “none”.**

1. Use  to find the following: Accurately graph the function.

![[image]]()

 Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

x-intercept(s) \_\_\_\_\_\_\_\_\_\_\_\_\_

y-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

horizontal asymptote \_\_\_\_\_\_\_\_\_\_

vertical asymptote(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

hole in the graph at x = \_\_\_\_\_\_\_\_

1. ![[image]]()Use to find the following Accurately graph the function.

Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

x-intercept(s) \_\_\_\_\_\_\_\_\_\_\_\_\_

y-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

horizontal asymptote \_\_\_\_\_\_\_\_\_\_

vertical asymptote(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

hole in the graph at x = \_\_\_\_\_\_\_\_\_

1. Use  to find the following: Accurately graph the function.

![[image]]()

 Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

x-intercept(s) \_\_\_\_\_\_\_\_\_\_\_\_\_

y-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

horizontal asymptote \_\_\_\_\_\_\_\_\_\_

vertical asymptote(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

hole in the graph at x = \_\_\_\_\_\_\_\_

1. Use  to find the following: Accurately graph the function.

![[image]]()

 Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

x-intercept(s) \_\_\_\_\_\_\_\_\_\_\_\_\_

y-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

horizontal asymptote \_\_\_\_\_\_\_\_\_\_

vertical asymptote(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

hole in the graph at x = \_\_\_\_\_\_\_\_