HW: 6.1 Graphing Reciprocal Functions Algebra 2 Kitt

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period: \_\_\_\_\_

Directions: Identify the vertical asymptotes, horizontal asymptotes, horizontal asymptote, domain, and range of each. Graph your result.

1. 2. 3.



Vertical Asymptote: \_\_\_\_\_\_\_\_ Vertical Asymptote: \_\_\_\_\_\_\_\_ Vertical Asymptote: \_\_\_\_\_\_\_

Horizontal Asymptote: \_\_\_\_\_\_ Horizontal Asymptote: \_\_\_\_\_\_ Horizontal Asymptote: \_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. 5. 6.



Vertical Asymptote: \_\_\_\_\_\_\_\_ Vertical Asymptote: \_\_\_\_\_\_\_\_ Vertical Asymptote: \_\_\_\_\_\_\_

Horizontal Asymptote: \_\_\_\_\_\_ Horizontal Asymptote: \_\_\_\_\_\_ Horizontal Asymptote: \_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 8. 9.



Vertical Asymptote: \_\_\_\_\_\_\_\_ Vertical Asymptote: \_\_\_\_\_\_\_\_ Vertical Asymptote: \_\_\_\_\_\_\_

Horizontal Asymptote: \_\_\_\_\_\_ Horizontal Asymptote: \_\_\_\_\_\_ Horizontal Asymptote: \_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. 11. 12.



Vertical Asymptote: \_\_\_\_\_\_\_\_ Vertical Asymptote: \_\_\_\_\_\_\_\_ Vertical Asymptote: \_\_\_\_\_\_\_

Horizontal Asymptote: \_\_\_\_\_\_ Horizontal Asymptote: \_\_\_\_\_\_ Horizontal Asymptote: \_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_