Name: Date:

11.7 Notes

|  |  |
| --- | --- |
| Rational Function: | Example: |

State the excluded value for each function.

**Example 1:** 2. 3.

**Noticing Patterns in Graphs**



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

Identify the asymptote (Box answer). Graph the function.

**Example 2:** 4. 



|  |
| --- |
| Identifying Asymptotes |
|  | Example: |



**Example 3:** 5.



Example 5:







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| Hw: Section 11.7 p. 710 #9-21 odd |
|  |