 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Vocabulary**

A rational function has the form

* Where p(x) and q(x) are polynomials and



|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| x | -4 | -2 | -1 | -½ | -¼ | 0 | ¼ | ½ | 1 | 2 | 4 |
| f(x) |  |  |  |  |  |  |  |  |  |  |  |

 

 

**Key Concept**

****

 ****

 H.A.

 V.A.

**Key Concept**



 H.A.

 V.A.

 

 H.A.

 V.A.

 

 H.A.

 V.A.