Algebra 2 – Graphing Rational Functions Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Graph the function, including asymptotes. Identify the domain and range.

1. [](http://3.bp.blogspot.com/-SMOvJA6QMy4/UQRLomgcI8I/AAAAAAAAAAM/qKV-KGHQ8gk/s1600/coordinate+grid.gif) x = y = 2. x = y =

Domain: Domain:

Range: Range:

Transformation: Transformation:

1. [](http://3.bp.blogspot.com/-SMOvJA6QMy4/UQRLomgcI8I/AAAAAAAAAAM/qKV-KGHQ8gk/s1600/coordinate+grid.gif) x = y = 4. x = y =

Domain: Domain:

Range: Range:

Transformation: Transformations:

Graph the function, including asymptotes. Identify the domain and range.

5. x = y = 6. x = y =

[](http://3.bp.blogspot.com/-SMOvJA6QMy4/UQRLomgcI8I/AAAAAAAAAAM/qKV-KGHQ8gk/s1600/coordinate+grid.gif)

Domain: Domain:

Range: Range:

1. x = y = 8. x = y =

[](http://3.bp.blogspot.com/-SMOvJA6QMy4/UQRLomgcI8I/AAAAAAAAAAM/qKV-KGHQ8gk/s1600/coordinate+grid.gif)

Domain: Domain:

Range: Range: