# Unit 4 EXTRA Test Review Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Math 3 Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_**

1. Simplify

Part II – Simplify. Circle answer

1. **5.**

**6.**  7**.**

**Simplify. Addition/Subtraction.**

8. 9.

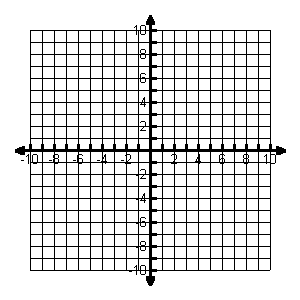
10.

Solve each equation and check your solution.

11. 12.

13.

Graph Rational Functions

17. Sketch the graph of: . Label any intercepts and asymptotes.

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

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

X – intercepts: \_\_\_\_\_\_\_\_\_\_\_\_

Y – intercepts: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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