

# MA 109: October 16

Rational Functions: Vertical Asymptotes

## Start of Class

### Instructor Information

Name:

Email:

Office Hours:

## Warm-up Questions

## Notes

**Example:** Find the x- and y-intercepts of  $r(x) = \frac{3x-2}{7-x}$

**Example:** Find the domain of the function  $r(x) = \frac{3x-2}{7-x}$ . Write the answer using interval notation.

**Example:** Find the equation of the vertical asymptote of the function  $r(x) = \frac{3x-2}{7-x}$ .

## End of Class

Write a summary of what you learned today:

What questions do you have about the material from today?

What do you need to do between now and the next class meeting?