

NAME _____

Module 15 Simplifying Rational Expressions
Lesson 1 Finding Restricted Values of Rational Expressions



guided
practice

Set 1

1. Find the restricted values of the rational expression: $\frac{5}{x-1}$.

1

2. Find the restricted values of the rational expression: $\frac{-9}{4x}$.

0

3. Find the restricted values of the rational expression: $\frac{x+3}{x-5}$.

5

4. Find the restricted values of the rational expression: $\frac{x-2}{3}$.

no restricted values

Set 2

1. Find the restricted values of the rational expression: $\frac{3x}{x^2-81}$.

9, -9

2. Find the restricted values of the rational expression: $\frac{3+x^2}{x^2+4x+3}$.

-3, -1

3. Find the restricted values of the rational expression: $\frac{x^2+4}{2x^2+12x}$.

0, -6

