

**guided  
practice**

NAME \_\_\_\_\_

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

**Set 1**

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

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

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

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

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**Set 2**

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

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

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

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