

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION****THERE ARE TWO SIDES TO THIS QUIZ**

1. Perform the multiplication and simplify.  $\left(\frac{x^2 - 9}{4}\right)\left(\frac{x^2 - x - 6}{x^2 - 6x + 9}\right)$

2. Perform the addition and simplify.  $\left(\frac{3}{5 - x}\right) + \left(\frac{x + 2}{x - 5}\right)$

3. Write the opposite of  $\frac{x + 3}{1 - x}$ .

4. Perform the division and simplify.  $\left(\frac{2x}{5}\right) \div \left(\frac{6x+12}{5x+10}\right)$

5. Simplify the complex fraction  $\frac{\frac{x}{9} - \frac{1}{x}}{1 + \frac{3}{x}}$