

## Rational Equations

## Quadratic

1. 
$$\frac{x^2 + 2x + 1}{x^2 - 1} = \frac{2}{x - 1}$$

2. 
$$\frac{x + 7}{x + 5} = \frac{2}{x + 5} + 2$$

3. 
$$\frac{x + 5}{x + 3} = \frac{2}{x + 3}$$

4. 
$$\frac{x + 5}{x + 2} = \frac{3}{x + 2}$$

5. 
$$\frac{5}{x - 2} = \frac{20}{x^2 - 4}$$

6. 
$$\frac{x + 4}{x + 3} = \frac{1}{x + 3}$$

7. 
$$\frac{x + 4}{x + 2} = \frac{2}{x + 2}$$

8. 
$$\frac{8}{x - 1} = \frac{16}{x^2 - 1}$$

9. 
$$\frac{3}{x - 1} = \frac{6}{x^2 - 1}$$

10. 
$$\frac{4}{x - 2} = \frac{16}{x^2 - 4}$$

**Answers**

**Rational Equations**

**Quadratic**

1. No Solution
2. No Solution
3. No Solution
4. No Solution
5. No Solution
6. No Solution
7. No Solution
8. No Solution
9. No Solution
10. No Solution