

Rational Equations**Linear****Whole Number Denominator**

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

2. $\frac{9x}{6} = 12 - 7x$

3. $\frac{4x-1}{2} = x + 7$

4. $\frac{k}{2} + \frac{1}{2} = 3$

5. $3x + 2 = \frac{2x+13}{3}$

6. $\frac{1-4x}{3} = 2x + 3$

7. $x - 4 = \frac{4x+14}{6}$

8. $7x + 1 = \frac{3x-9}{4}$

9. $\frac{3x}{7} + \frac{2}{7} = 2$

Answers**Rational Equations****Linear****Whole Number Denominator**

1. $x = \frac{2}{3}$

2. $x = \frac{24}{17}$

3. $x = \frac{15}{2}$

4. $k = 5$

5. $x = 1$

6. $x = -\frac{4}{5}$

7. $x = 19$

8. $x = -\frac{13}{25}$

9. $x = 4$