

SOLVING RATIONAL EQUATIONS WORKSHEET

← restrictions

Solve each equation and check (state excluded values).

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

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

2. $\frac{2b-3}{7} - \frac{b}{2} = \frac{b+3}{14}$

3. $\frac{3}{5x} + \frac{7}{2x} = 1$

8. $\frac{2a-3}{a-3} - 2 = \frac{12}{a+3}$

4. $\frac{5k}{k+2} + \frac{2}{k} = 5$

9. $\frac{2b-5}{b-2} - 2 = \frac{3}{b+2}$

5. $\frac{m}{m+1} + \frac{5}{m-1} = 1$