Solving Equations with Fractions: Cross-Multiplication

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

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

3. $\frac{2x}{7}=\frac{3}{14}$

4.$ \frac{2x}{14}=\frac{3}{14}$

5.$ \frac{2x}{14}=\frac{3}{7}$

6.$ \frac{14}{2x}=\frac{7}{3}$

7.$ \frac{14}{2x+1}=\frac{7}{3}$

8. $\frac{14}{2x-1}=\frac{7}{3}$

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

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

11. $\frac{2x-1}{6}=\frac{7}{3}$

12. $\frac{1-2x}{6}=\frac{7}{3}$

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Solving Equations with Fractions: Cross-Multiplication ANSWERS

1. $x=10.5 or\frac{21}{2}$

2. $x=$ $5.25 or\frac{21}{4}$

3. $x=0.75 or\frac{3}{4}$

4.$ x=1.5 or\frac{3}{2}$

5. $x=3$

6. $x=3$

7. $x=2.5 or x=\frac{5}{2}$

8. $x=3.5 or x=\frac{7}{2}$

9. $x=2$

10.$x=8.\dot{6} or x=\frac{26}{3}$

11. $x=7.5 or x=\frac{15}{2}$

12. $x=-6.5 or-\frac{13}{2}$

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