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## Algebraische Gleichungen: 6

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1.  $\frac{x}{4} - \frac{x}{6} = \frac{x}{2} - \frac{1}{5}$

2.  $\frac{2z}{9} - \frac{5z}{6} = \frac{11}{12}$

3.  $\frac{3x}{8} - \frac{5x}{24} = 3\frac{2}{5} + \frac{x}{15}$

4.  $\frac{x}{2} + \frac{x}{8} = 23 - \frac{x}{12} - \frac{x}{4}$

5.  $7\frac{3}{4} - \frac{3x}{8} + \frac{7}{8} = 13 - \frac{x}{2} - \frac{3}{4}$

6.  $\frac{x}{2} - \frac{2x}{15} = \frac{2x}{5} + 21$

7.  $\frac{3z-6}{5} = \frac{4-z}{6} + \frac{2(2z+4)}{3}$

8.  $\frac{6x+7}{9} - \frac{7+10x}{18} = \frac{9x+5}{14} - \frac{5-3x}{4}$

### Lösungen

Nr.	Lösungsmenge L
1	{ 12/25 }
2	{ - 3/2 }
3	{ 34 }
4	{ 24 }
5	{ 29 }
6	{ - 630 }
7	{ - 8 }
8	{ 1 }