**Lineárne rovnice**

Rieš rovnice a urob skúšku správnosti:

1. $\frac{9x+7}{2}-x+\frac{x-2}{7}=36$ x = 9, sk. 36
2. $1-\frac{2x-5}{6}=\frac{3-x}{4}$ x = 13, sk. $\frac{-5}{2}$
3. $\frac{x+5}{3}=\frac{x-2}{3}-\frac{x-3}{2}+\frac{x}{3}$ x = -5, sk. 0
4. $\frac{2-5a}{2}-\frac{3-7a}{5}=1-\frac{a+6}{10}$ x = 0, sk. $\frac{2}{5}$
5. $\frac{8u-1}{5}-\frac{3-2u}{4}=2u-1$ x =$ \frac{-1}{2}$, sk. -2
6. $\frac{s-3}{3}-\frac{1-2s}{2}=1-\frac{s}{6}$ x = $\frac{ 15}{9}$ , sk. $\frac{39}{54}$
7. $2-\frac{5k-2}{7}=\frac{k-10}{2}$ x = 6, sk. -2
8. $10x-$1 = 15- 6x x = 1 , sk=9
9. 9x-8 = 11x-10 x = 1, sk=1
10. 2(x-1)-3(x-2)+4(x-3)=2(x+5) x = 18, sk.46