

Iracionální rovnice k procvičení

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|-----|---------------------------------------|-----------------|
| 1. | $3 = \sqrt{7 \cdot x + 29} - x$ | $P = \{-4; 5\}$ |
| 2. | $\sqrt{x-3} = 4$ | $P = \{19\}$ |
| 3. | $\sqrt{x+5} = x-1$ | $P = \{4\}$ |
| 4. | $\sqrt{x} + \sqrt{x+9} = 9$ | $P = \{16\}$ |
| 5. | $\sqrt{x-3} - \sqrt{x+3} = 3$ | $P = \{\}$ |
| 6. | $\sqrt{x+3} = 2 + \sqrt{x-1}$ | $P = \{1\}$ |
| 7. | $\sqrt{x-5} - \sqrt{x+3} = -2$ | $P = \{6\}$ |
| 8. | $\sqrt{x+5} - \sqrt{x^2-7} = 0$ | $P = \{-3; 4\}$ |
| 9. | $\sqrt{5+x} + \sqrt{5-x} = \sqrt{10}$ | $P = \{-5; 5\}$ |
| 10. | $\sqrt{x} - \frac{10}{\sqrt{x}} = -3$ | $P = \{4\}$ |