

Proposta di esercitazione sulle equazioni di primo grado contenenti uno o più moduli

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| 1. | □ | $\left \frac{1}{2}x\right =3$ | $S = \{-6; 6\}$ |
| 2. | □ | $2 - x - 3 = 1$ | $S = \{2; 4\}$ |
| 3. | □ | $\left \frac{x}{2} - \frac{1}{3}\right = \frac{5}{6}$ | $S = \left\{-1; \frac{7}{3}\right\}$ |
| 4. | □ | $\frac{1}{2} - \frac{ x-4 }{4} = 0$ | $S = \{2; 6\}$ |
| 5. | □ | $x - \frac{1}{3} \cdot 3x - 9 = 0$ | $S = \left\{\frac{3}{2}\right\}$ |
| 6. | □□ | $\frac{x}{2} - \frac{1}{4} 2x - 1 = 3$ | $S = \emptyset.$ |
| 7. | □□ | $\frac{1-3x}{2} = \frac{1}{3} \cdot 5-x $ | $S = \{-1\}$ |
| 8. | □□ | $4x + 3x - 2 = 5$ | $S = \{1\}.$ |
| 9. | □□ | $\frac{ x-1 - 2x}{4} = x - 4$ | $S = \{3\}$ |
| 10. | □□ | $ 2x - 6 - x = -3$ | $S = \{3\}$ |
| 11. | □□ | $4 - 3x + 12 = x$ | $S = \{-8; -2\}$ |
| 12. | □□ | $2x + 5 - x = 7$ | $S = \{2\}$ |
| 13. | □□ | $\left \frac{3}{2}(x-1)\right = 6 - x$ | $S = \{-9; 3\}$ |
| 14. | □□ | $ 4 - x + 2(x - 3) = 0$ | $S = \{2\}$ |
| 15. | □□ | $ 3(2 - x) - 2(x - 3) = 3$ | $S = \left\{\frac{9}{5}; 3\right\}$ |
| 16. | □□□ | $ 3 - 2x + x = x + 1 $ | $S = \{1; 2\}.$ |
| 17. | □□□ | $2 \cdot \left \frac{3}{2} - x\right - x + 2 = 9 + x$ | $S = \{-2\}.$ |
| 18. | □□□ | $\left 4 - \frac{x}{2}\right = \frac{3 x - 1}{5} + 2$ | $S = \{-22; 2\}$ |
| 19. | □□□ | $ x - 2 x + 3 = 3$ | $S = \{-3\}$ |
| 20. | □□□ | $\frac{ x-4 +3}{2 x+1 -7} = 1$ | $S = \{-1; 4\}$ |