

Oefeningen lineaire vergelijkingen

Oefening 1. Los volgende lineaire vergelijking op naar de onbekende x .

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|---------------------------------|---------------------------------|
| 1. $5x - 3 = 2x + 6$ $x = 3$ | 16. $7x - 2 = 19$ $x = 3$ |
| 2. $x + 3 = 7$ $x = 4$ | 17. $5x + 3 = 2x + 12$ $x = 3$ |
| 3. $4x + 7 = 3x - 2$ $x = -9$ | 18. $9x + 5 = 50$ $x = 5$ |
| 4. $x - 5 = 2$ $x = 7$ | 19. $4x - 7 = 3x + 1$ $x = 8$ |
| 5. $6x - 4 = 2x + 8$ $x = 3$ | 20. $8x - 4 = 28$ $x = 4$ |
| 6. $2x + 4 = 10$ $x = 3$ | 21. $11x + 9 = 5x + 21$ $x = 2$ |
| 7. $7x + 5 = 3x + 17$ $x = 3$ | 22. $x + 7 = 12$ $x = 5$ |
| 8. $3x - 6 = 9$ $x = 5$ | 23. $3x - 5 = x + 7$ $x = 6$ |
| 9. $8x - 6 = 2x + 12$ $x = 3$ | 24. $x - 9 = -2$ $x = 7$ |
| 10. $5x + 2 = 17$ $x = 3$ | 25. $2x + 5 = 11$ $x = 3$ |
| 11. $10x + 4 = 6x + 24$ $x = 5$ | 26. $7x + 2 = 3x + 10$ $x = 2$ |
| 12. $4x - 8 = 12$ $x = 5$ | 27. $7x + 4 = 25$ $x = 3$ |
| 13. $9x - 3 = 2x + 11$ $x = 2$ | 28. $9x - 8 = 4x + 7$ $x = 3$ |
| 14. $6x + 3 = 21$ $x = 3$ | 29. $x + 4 = 9$ $x = 5$ |
| 15. $12x + 8 = 4x + 24$ $x = 2$ | 30. $2x + 6 = 5x - 9$ $x = 5$ |

Oefening 2. Los volgende lineaire vergelijking op naar de onbekende x .

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|--------------------------------|---------------------------------|
| 1. $4x - 5 = 11$ $x = 4$ | 11. $3x + 7 = x + 15$ $x = 4$ |
| 2. $6x - 2 = 3x + 10$ $x = 4$ | 12. $10x + 2 = 32$ $x = 3$ |
| 3. $6x - 7 = 11$ $x = 3$ | 13. $12x - 5 = 7x + 10$ $x = 3$ |
| 4. $8x + 5 = 2x + 23$ $x = 3$ | 14. $x - 6 = -1$ $x = 5$ |
| 5. $3x - 5 = 10$ $x = 5$ | 15. $4x + 9 = 2x + 19$ $x = 5$ |
| 6. $10x - 3 = 4x + 15$ $x = 3$ | 16. $4x + 8 = 24$ $x = 4$ |
| 7. $8x - 3 = 29$ $x = 4$ | 17. $11x + 8 = 5x + 26$ $x = 3$ |
| 8. $7x + 4 = 2x + 19$ $x = 3$ | 18. $3x - 4 = 8$ $x = 4$ |
| 9. $2x + 7 = 13$ $x = 3$ | 19. $6x - 4 = 2x + 12$ $x = 4$ |
| 10. $5x - 6 = 2x + 9$ $x = 5$ | 20. $5x + 6 = 26$ $x = 4$ |