Gleichungen mit Klammern I

Löse folgende Gleichungen auf einem Karoblatt.

1. (8 - 9x) = 9(3 + 6x) - 397 1. x = \_\_\_\_

2. 9(6 - 5x) = 7(9 + 3x) - 405 2. x = \_\_\_\_

3. 3(x - 2) = 3(7 + 6x) - 132 3. x = \_\_\_\_

4. 3(5 - 8x) = 114 - 9(3 + 4x) 4. x = \_\_\_\_

5. (4x - 3) = 38 - (1 + x) 5. x = \_\_\_\_

6. 6(8x - 4) = 8(6 + 9x) - 120 6. x = \_\_\_\_

7. 3(x + 1)(x - 4) = x(3x + 5) - 40 7. x = \_\_\_\_

8. 6(x + 4)(x + 5) = 368 + x(6x - 8) 8. x = \_\_\_\_

9. 8(x + 7)(x - 6) = x(8x + 4) - 316 9. x = \_\_\_\_

10. (x + 2)(x - 8) = 11 + x(x - 9) 10. x = \_\_\_\_

11. 6(x + 1)(x + 4) = 179 + x(6x - 1) 11. x = \_\_\_\_

12. 5(x - 9)(x + 2) = x(5x + 8) - 391 12. x = \_\_\_\_

Gleichungen mit Klammern I



Lösungen

Löse folgende Gleichungen auf einem Karoblatt.

1. (8 - 9x) = 9(3 + 6x) - 397 1. x = 6

2. 9(6 - 5x) = 7(9 + 3x) - 405 2. x = 6

3. 3(x - 2) = 3(7 + 6x) - 132 3. x = 7

4. 3(5 - 8x) = 114 - 9(3 + 4x) 4. x = 6

5. (4x - 3) = 38 - (1 + x) 5. x = 8

6. 6(8x - 4) = 8(6 + 9x) - 120 6. x = 2

7. 3(x + 1)(x - 4) = x(3x + 5) - 40 7. x = 2

8. 6(x + 4)(x + 5) = 368 + x(6x - 8) 8. x = 4

9. 8(x + 7)(x - 6) = x(8x + 4) - 316 9. x = 5

10. (x + 2)(x - 8) = 11 + x(x - 9) 10. x = 9

11. 6(x + 1)(x + 4) = 179 + x(6x - 1) 11. x = 5

12. 5(x - 9)(x + 2) = x(5x + 8) - 391 12. x = 7