

Algebra: Addition und Subtraktion von ganzen Zahlen A

Alle Klammern auflösen und zusammenfassen! Name:.....

1. $(-2) \cdot [2 + (-5)] =$

2. $(-5)^3 - (-2)^4 =$

3. $(-3)^3 + (-5) \cdot (-1) + (-2)^4 =$

4. $-2a - (7a - 4b) =$

5. $(3x - y) + (-4x + 2y) =$

6. $(-6u - 8v) - (-7u - 8v) =$

7. $(-15r + 17) + (-13r + 14) - (-33r + 32) =$

8. $(-18 + 35y - y^2) - (23 - 45y + y^2) - (-29 + 85y - 3y^2) =$

9. $(-6x + 5y) + (12x - 15y) - (7x - 12y) =$

10. $(p^2 - 2p - 3) - (-p^2 + 3p - 4) + (-4p^2 - 5p + 6) =$

11. $(x + y) + \{z + [2x - 3y + (2z - 3x) + y] - y\} =$

12. $7 - \{[(26x + 37y - 25z) + 19y - 16z] - 8x + 9z + 6\} =$

13. $(3a + 4x) - \{6a - [5x - (9a - 8x)] + 13a\} =$

14. $\{[4c - (5cd + d)] - [7d - (c - 2cd)]\} - (c + d) =$

Algebra: Addition und Subtraktion von ganzen Zahlen B

Alle Klammern auflösen und zusammenfassen! Name:.....

1. $3 \cdot [(-2) + (-5)] =$

2. $2^5 - (-2)^3 =$

3. $(-6)^2 + (-3) \cdot (-2) + (-5)^2 =$

4. $5x + (-6x + 2y) =$

5. $6u - (-4u - 5v) =$

6. $(a - b) - (-a + b) =$

7. $(3s - 4t) - (-5s + 7t) + (-9s - 10t) =$

8. $(-x^2 + 7x - 13) - (-4x^2 + 8x - 25) + (-8x^2 + x - 21) =$

9. $(5a - 2b) - (-3a + 7b) - (6a - 8b) =$

10. $(-n^2 + n - 4) + (2n^2 - 3n + 6) - (-3n^2 - 2n + 2) =$

11. $[(4r - 2s) - (5s - 2t)] - \{6s - [5t - (3r + 5t)] - 9s\} =$

12. $[(-3cd + 5) - 25] - [18 - (7 + 3cd)] + [6 - (ay + 10) - (3ay - 9)] =$

13. $4x + 6y - \{6x - [7y - (5x + 3y) - (6y - 8x) - 3x] - 3x\} =$

14. $a - \{(b - 3ab) - (a + 3ab)\} - (6a - 3b) =$