

3.5 Lösungen

1. $\underline{\underline{(2x-7)^2}}$

2. $\underline{\underline{(x+5)^2}}$

3. $\underline{\underline{(2a^2-b^2)^2}}$

4. $3 \cdot (n^2 - 2n + 1) = \underline{\underline{3 \cdot (n-1)^2}}$

5. $\underline{\underline{(2a-b)^2}}$

6. $2 \cdot (x^4 - 2x^2y^2 + y^4) = \underline{\underline{2 \cdot (x^2 - y^2)^2}}$

3.6 Lösungen

1. $\underline{\underline{(2a + 5)(2a - 5)}}$

2. $\underline{\underline{(10 + c)(10 - c)}}$

3. $\underline{\underline{(8x + 1)(8x - 1)}}$

4. $\underline{\underline{(x + 4)(x - 4)}}$

5. $\underline{\underline{(2m^2 + 3n^2)(2m^2 - 3n^2)}}$

6. $\underline{\underline{(4x + 5y) \cdot (4x - y)}}$

7. $\underline{\underline{-4ab}}$

3.7 Lösungen

1. $\underline{\underline{(x-3)(x-4)}}$

2. $\underline{\underline{(x-1)(x-5)}}$

3. $\underline{\underline{(h^2+2i)(h^2-9i)}}$

4. $\underline{\underline{(h^2-2i)(h^2+9i)}}$

5. $\underline{\underline{(y-5)(y-12)}}$

3.8 Lösungen

1. $\underline{\underline{(2x + 3)(5x + 2)}}$

2. $\underline{\underline{(3a + 4b)(6a + 5b)}}$

3. $2 \cdot (3x^2 - xy - 10y^2) = 2 \cdot \underline{\underline{(x - 2y)(3x + 5y)}}$

4. $12 \cdot (u^2 - 3uv + 2v^2) = 12 \cdot \underline{\underline{(u - v)(u - 2v)}}$