



Binome – Ausmultiplizieren I

Multipliziere aus und fasse zusammen.

1. $(2x+14)(16x-7) =$ _____

2. $(-7x-2)(-13x+3) =$ _____

3. $(12x-10)(9x-20) =$ _____

4. $(17x-18)(6x+17) =$ _____

5. $(-13x+20)(-12x-8) =$ _____

6. $(-18x+9)(-9x+5) =$ _____

7. $(3x-17)(5x-2) =$ _____

8. $(-8x-5)(-2x-19) =$ _____

9. $(13x-13)(-19x+16) =$ _____

10. $(-20x-18)(x-5) =$ _____

11. $(-5x-6)(18x+2) =$ _____

12. $(10x-14)(-15x-19) =$ _____

13. $(-15x-2)(11x-16) =$ _____

14. $(-11x+5)(17x-7) =$ _____



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Lösungen

1. $(2x+14)(16x-7) = 32x^2+210x-98$
2. $(-7x-2)(-13x+3) = 91x^2+5x-6$
3. $(12x-10)(9x-20) = 108x^2-330x+200$
4. $(17x-18)(6x+17) = 102x^2+181x-306$
5. $(-13x+20)(-12x-8) = 156x^2-136x-160$
6. $(-18x+9)(-9x+5) = 162x^2-171x+45$
7. $(3x-17)(5x-2) = 15x^2-91x+34$
8. $(-8x-5)(-2x-19) = 16x^2+162x+95$
9. $(13x-13)(-19x+16) = -247x^2+455x-208$
10. $(-20x-18)(x-5) = -20x^2+82x+90$
11. $(-5x-6)(18x+2) = -90x^2-118x-12$
12. $(10x-14)(-15x-19) = -150x^2+20x+266$
13. $(-15x-2)(11x-16) = -165x^2+218x+32$
14. $(-11x+5)(17x-7) = -187x^2+162x-35$



Binome – Ausmultiplizieren II

Multipliziere aus und fasse zusammen.

1. $(x - 7)(6x + 10) =$ _____

2. $(-6x - 15)(3x - 7) =$ _____

3. $(11x - 3)(-19x - 4) = -$ _____

4. $(16x - 11)(16x + 1) =$ _____

5. $(-13x - 13)(2x + 12) =$ _____

6. $(-18x - 2)(-19x + 9) =$ _____

7. $(3x - 10)(-15x - 5) =$ _____

8. $(-8x - 18)(12x + 2) =$ _____

9. $(-4x - 20)(-18x - 14) =$ _____

10. $(4x - 19)(13x + 2) =$ _____

11. $(-9x - 7)(10x - 19) =$ _____

12. $(14x - 15)(-7x + 15)0 =$ _____

13. $(-19x - 3)(3x - 12) =$ _____

14. $(-15x - 6)(9x + 3) =$ _____



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