**Klammern auflösen:**

a) $(a + b)(c - d) =$

$(a - b)\,(c - d) =$

$(x + y)\,(y + z) =$

$(x + y)\,(y - z) =$

$(x - y)\,(y - z) =$

b) $(a + 3)(b + 8) =$

$(b + 5)\,(c - 3) =$

$(x - 8)\,(y - 4) =$

$(y - 7)(4 - z) =$

$(-a - 6)\,(11 - b) =$

c) $(3a - 2)\,(4b + 8) =$

$(4x - 5)\,(7z + 7) =$

$(11u + 6)(9 - 5v) =$

$(9y - 4)(5z - 1) =$

$(2a - 10)(-b - 13) =$

**Lösungen**:

a) $(a + b)(c - d) = ac - ad + bc - bd$

$(a - b)(c - d) = ac - ad - bc + bd$

$(x + y)(y + z) = xy + xz + y^2 + yz$

$(x + y)(y - z) = xy - xz + y^2 - yz$

$(x - y)(y - z) = xy - xz - y^2 + yz$

b) $(a + 3)(b + 8) = ab + 8a + 3b + 24$

$(b + 5)(c - 3) = bc - 3b + 5c - 15$

$(x - 8)(y - 4) = xy - 4x - 8y + 32$

$(y - 7)(4 - z) = 4y - yz - 28 + 7z$

$(-a - 6)(11 - b) = -11a + ab - 66 + 6b$

c) $(3a - 2)(4b + 8) = 12ab + 24a - 8b - 16$

$(4x - 5)(7z + 7) = 28xz + 28x - 35z - 35$

$(11u + 6)(9 - 5v) = 99u - 55uv + 54 - 30v$

$(9y - 4)(5z - 1) = 45yz - 9y - 20z + 4$

$(2a - 10)(-b - 13) = 2ab - 26a + 10b + 130$