Term – Stadt – Land – Fluss

	Zusammenfassen	Ausmultiplizieren	Ausklammern	Binomische Formel	Klammer auflösen
A	$2x + 3y – 4x$	$a \cdot (b + c)$	$2x + 4y$	$(2a + 3b)^2$	$– (6p + 3q) + 6p$
B	$– 7a + 2b + 4a$	$3a \cdot (2 + 4b)$	$12ac – 9ab$	$(– x + y)^2$	$– 2a + (3a – 1)$
C	$6bc + 2cb$	$– b \cdot (7+2c)$	$xy – xz$	$(– 4x – 3y)^2$	$(a + b) – (a – b)$
D	$ab + 2a^2 – ab$	$(1{,}5 +c) \cdot 2$	$16a^2b + 20ab^2$	$(7x + 3)(7x – 3)$	$– (x + y) + x$
E	$1{,}2c + 0{,}8c$	$(3q + 9r) \cdot \frac{1}{3}$	$rst^2 + 2srt$	$(r – s)(r + s)$	$(p + q) – (q + p)$
F	$0{,}5xy – y + xy$	$(2 + s)(3 – r)$	$15az – 10ay + 5ax$	$81p^2 – 36q^2$	$– 2a – (a + b)$
G	$20a^2b + 3ab^2 – 10a^2b$	$(5c + 2) \cdot (– 2)$	$27b^2c + 9bc^2$	$25k^2 + 40km + 16m^2$	$6u + (3v – 3u)$
H	$7pq – 3qp$	$– 0{,}5 \cdot (8k – 6m)$	$– 25pq + 50qp$	$\frac{4}{9}a^2 – \frac{16}{15}ab + \frac{16}{25}b^2$	$– 7t – (r + 2t)$
I	$– 10k + 2+ 5k$	$(a – c) \cdot (1 + a)$	$abc + ac$	$100u^2 – 49v^2$	$(u + v) – v$
J	$ab + ac + ca$	$3x \cdot (2x + y)$	$uvw^2 – u^2vw$	$(– 6k + 15)^2$	$(8p + q) – (q + 8p)$
K	$6mn – 1{,}3\ nm$	$5pq(– p +q)$	$17a^3c + 51a^2c^2$	$(20h + 17)^2$	$1{,}2ab – (2ab +c)$
L	$– y \cdot 3 + 17y$	$15st – 10s) \cdot \frac{1}{2}$	$0{,}7rt + 1{,}4t$	$(1{,}5 + 1{,}4a)^2$	$5 + c – (c – 4)$
M	$14h + h \cdot 6 – 1$	$(2x +y) \cdot (x – y)$	$– 33xy + 11y$	$(– 1{,}2b +1{,}1a)^2$	$8{,}2 + 2d + (3d – 0{,}2)$
N	$36op – (–4po)$	$(6h – m) \cdot (– 2m + h)$	$3{,}2k^2 + 0{,}8k$	$144m^2 – 196k^2$	$7{,}1 – 3z + (2z – 0{,}1)$
O	$– 12d + d \cdot 6$	$0{,}7 \cdot (10p + 20q)$	$– 6so – 12s$	$9c^2 + 24cd + 16d^2$	$1{,}8ab – (2 + 0{,}8ab)$
P	$3cd – 2dc – cd$	$(50o – 60p) \cdot 0{,}1$	$3b – 6bc + 9bd$	$\frac{36}{49}h^2 – \frac{12}{14}hk + \frac{1}{4}k^2$	$–(x + 2y) – (x + 2y)$
Q	$0{,}7rs + r \cdot 0{,}3 \cdot s$	$(7k + 8n) \cdot 6$	$\frac{1}{7}kn^2 – \frac{1}{14}n$	$(10x – 2y)^2$	$k^2 – (k^2 + h^2)$
R	$0{,}25p + 2p$	$(2x + y) \cdot 3y$	$\frac{2}{3}op + \frac{1}{3}oq$	$(p + q)(p – q)$	$10m + (2m – n)$
S	$– 1{,}75ts + 0{,}75st$	$(– 0{,}5) \cdot (0{,}5 + a)$	$\frac{4}{5}u^2v – \frac{1}{5}uw$	$(2s – 1)^2$	$(n + 3m) – 3m$
T	$6x^2y + 2xy^2 – x^2y$	$a \cdot (c – d)$	$0{,}6z^2 + 1{,}8z^3$	$(6t + 7s)^2$	$– a + b – (c + b)$
U	$100rs – 50sr$	$uv \cdot (v + u)$	$16k^2 – 8k + 24k^3$	$(0{,}2a + 0{,}6b)^2$	$– (r + s) + t$
V	$– 0{,}5uvw + uwv$	$1{,}2rs \cdot (3r – 4s)$	$r(p + q) + s(p + q)$	$(0{,}7 – a)(a + 0{,}7)$	$– (s – 2t) + 3t$
W	$abc – cba$	$(26q – 13p) \cdot \frac{1}{13}$	$36ac + 72ad$	$(1{,}7t – 2r)^2$	$12a – (10a + 2b) + 2b$
X	$2rst + 10rst – 8$	$\frac{1}{8} \cdot (16q – 24r)$	$– 81r^2s^2 + 9rs$	$0{,}81u^2 + 0{,}72uv + 0{,}16v^2$	$– (x – y) – (x + y)$
Y	$– 3{,}5 + ab + 3{,}5$	$\frac{1}{10}t \cdot (100t – 70t^2)$	$(a + b) \cdot 3 + (a + b) \cdot x$	$1{,}69c^2 – 5{,}2cd + 4d^2$	$0{,}5m – (1 + m)$
Z	$– xy + xy + 1$	$(15a^2 – 20b^2) \cdot \frac{1}{5}$	$14x^2 – 7x$	$225\ w^2 – 400z^2$	$(3 – n) + n$

Lösung: Term – Stadt – Land – Fluss

	Zusammenfassen	Ausmultiplizieren	Ausklammern	Binomische Formel	Klammer auflösen
A	$-2x+3y$	$ab+ac$	$2(x+2y)$	$4a^2+12ab+9b^2$	$-3q$
B	$-3a+2b$	$6a+12ab$	$3a(4c-3b)$	$x^2-2xy+y^2$	$a-1$
C	$8bc$	$-7b-2bc$	$x(y-z)$	$16x^2+24xy+9y^2$	$2b$
D	$2a^2$	$3+2c$	$4ab(4a+5b)$	$49x^2-9$	$-y$
E	$2c$	$q+3r$	$rst(t+2)$	r^2-s^2	0
F	$1{,}5xy-y$	$6-2r+3s-rs$	$5a(3z-2y+x)$	$(9p+6q)(9p-6q)$	$-3a-b$
G	$10a^2b+3ab^2$	$-10c-4$	$9bc(3b+c)$	$(5k+4m)^2$	$3u+3v$
H	$4pq$	$-4k+3m$	$25pq$	$(\frac{2}{3}a-\frac{4}{5}b)^2$	$-9t-r$
I	$-5k+2$	$a+a^2-c-ac$	$ac(b+1)$	$(10u+7v)(10u-7v)$	u
J	$ab+2ac$	$6x^2+3xy$	$uvw(w-u)$	$36k^2-180k+225$	0
K	$4{,}7mn$	$-5p^2q+5pq^2$	$17a^2c(a+3c)$	$400h^2+680h+289$	$-0{,}8ab-c$
L	$14y$	$7{,}5st-5s$	$0{,}7t(r+2)$	$2{,}25+4{,}2a+1{,}96a^2$	9
M	$20h-1$	$2x^2-xy-y^2$	$11y(-3x+1)$	$1{,}44b^2-2{,}64ab+1{,}21a^2$	$5d+8$
N	$40\,op$	$-13hm+6h^2+2m^2$	$0{,}8k(4k+1)$	$(12m+14k)(12m-14k)$	$7-z$
O	$-6d$	$7p+14q$	$6s(-o-2)$ oder $-6s(o+2)$	$(3c+4d)^2$	$ab-2$
P	0	$5\,o-6p$	$3b(1-2c+3d)$	$(\frac{6}{7}h-\frac{1}{2}k)^2$	$-2x-4y$
Q	rs	$42k+48n$	$\frac{1}{7}n(kn-\frac{1}{2})$	$100x^2-40xy+4y^2$	$-h^2$
R	$2{,}25p$	$6xy+3y^2$	$\frac{1}{3}o\cdot(-2p+q)$	p^2-q^2	$12m-n$
S	$-st$	$-0{,}25-0{,}5a$	$\frac{1}{5}u(4uv-w)$	$4s^2-4s+1$	n
T	$5x^2y+2xy^2$	$ac-ad$	$0{,}6z^2(1+3z)$	$36t^2-84st+49s^2$	$-a-c$
U	$50rs$	uv^2+u^2v	$8k(2k-1+3k^2)$	$0{,}04a^2+0{,}24ab+0{,}36b^2$	$-r-s+t$
V	$0{,}5\,uvw$	$3{,}6r^2s-4{,}8rs^2$	$(p+q)(r+s)$	$0{,}49-a^2$	$5t-s$
W	0	$2q-p$	$36a(c+2d)$	$2{,}89t^2-6{,}8rt+4r^2$	$2a$
X	$12rst-8$	$2q-3r$	$9rs(-9rs+1)$	$(0{,}9u+0{,}4v)^2$	$-2x$
Y	ab	$10t^2-7t^3$	$(a+b)(3+x)$	$(1{,}3c+2d)^2$	$-0{,}5m-1$
Z	1	$3a^2-4b^2$	$7x(2x-1)$	$(15w+20z)(15w-20z)$	3