Mathe-Training: Ausklammern

Klammere soweit wie möglich aus!

1	$2 + 8x =$	$2(1 + 4x)$
2	$7x - 14 =$	$7(x - 2)$
3	$5x + 15y =$	$5(x + 3y)$
4	$7xy - 12x =$	$x(7y - 12)$
5	$7xy - 28y^2 =$	$7y(x - 4y)$
6	$3a + 18b =$	$3(a + 6b)$
7	$3a + 18ab =$	$3a(1 + 6b)$
8	$2ab - 16a^2 =$	$2a(b - 8a)$
9	$9a - 54a^2 =$	$9a(1 - 6a)$
10	$21ab - 7b =$	$7b(3a - 1)$
11	$5abc + 25ac =$	$5ac(b + 5)$
12	$6xy + 36yz =$	$6y(x + 6z)$
13	$10a^2b^3 - 16a^3b^2 =$	$2a^2b^2(5b - 8a)$
14	$22x^3y^5 + 55x^5y^7 =$	$11x^3y^5(2 + 5x^2y^2)$
15	$6ab + 24a^2b - 36ab^2 =$	$6ab(1 + 4a - 6b)$
16	$- 25xy^2 + 100xy^3 =$	$- 25xy^2(1 - 4y)$
17	$12a^2bc^3 - 18ab^2c + 21a^3b^3c^2 =$	$3abc(4ac^2 - 6b + 7a^2b^2c)$
18	$4abc + 12a^2bc^3 - 28ab^2c =$	$4abc(1 + 3ac^2 - 7b)$
19	$xy^5z - 6x^3y^2z^3 + 5xy^3z =$	$xy^2z(y^3 - 6x^2z^2 + 5y)$
20	$32a^5b^4c^8 - 54a^3b^6c^5 + 86a^4b^4c^4 =$	$2a^3b^4c^4(16a^2c^4 - 27b^2c + 43a)$