3. FAKTORISIERN

Klammere aus

1.)	$2x + 2y + 2z$	$2(x + y + z)$
2.)	$4x + 8y + 12z =$	$4(x + 2y + 3z)$
3.)	$3a + 6b + 9c =$	$3(a + 2b + 3c)$
4.)	$5a + 5b + 5c =$	$5(a + b + c)$
5.)	$27x - 36y + 54z =$	$9(3x - 4y + 6z)$
6.)	$15a - 10b + 25c =$	$5(3a - 2b + 5c)$
7.)	$132x^2y + 88xy^2 + 220xyz =$	$11xy(12x + 8y + 20z)$
8.)	$18a^2b - 36ab^2 + 27abc =$	$9ab(2a - 4b + 3c)$
9.)	$21abx + 28aby + 35abz =$	$7ab(3x+4y+5z)$
10.)	$72abc^2 - 60ab^2c - 144a^2bc =$	$12abc(6c - 5b - 12a)$
11.)	$45a^2b + 15ab^2 + 5ab =$	$5ab(9a + 3b + 1)$
12.)	$55x^2y^2 - 33xy^3 + 66xy^2z^2 =$	$11xy^2(5x^2 - 3y + 6z^2)$
13.)	$27x^2 + 54y^2 + 81z^2 =$	$27(x^2+2y^2+3z^2)$
14.)	$32a^2bc + 56ab^2c + 64abc^2 =$	$8abc(4a + 7b + 8c)$