Unit 1: Multiplication/Division Vocabulary

Term	Definition	Representation
Multiply	Combine equal groups	2x3 2·3 2 groups of 3 3+3
Factor	Any numbers multiplied to form a product	15 = 3x5 2x3x4=24
Multiple	A number that can be divided exactly by another number	Ex. multiples of 5 → end in 0 and 5: 250 6665
Product	Answer to a multiplication problem	36 = 4x9 4x6=24
Even Number	A number divisible by 2; end in 0, 2, 4, 6, 8	2544 33370 62
Odd Number	A number that cannot be divided exactly by 2; end in 1, 3, 5, 7, 9	6663 381 60005
Prime Number	A number that has two factors, 1 and itself (has to be greater than 1)	2 (1x2) 17 (1x17)
Composite Number	A number with more than 2 factors	12 (1,2,3,4,6,12) 9 (1,3,9)
Square Number	The an answer you get when you multiply a number by itself	5x5=25 10x10=100
Equation	Says that two things are equal	10 x 7=70
Algorithm	A step-by-step solution	Add: 36+10=46; Sub: 100-73=27; Mult: 25x4=100; Div: 3|123 → 40, 12, 3, 0
Divide	To split or share into equal parts or groups	24÷8=3
Divisor	The number you divide by	24÷8=3; 24/8=3; 8|24 → 3
Dividend	The amount that you want to divide/break up	24÷8=3; 24/8=3; 8|24 → 3
Quotient	The answer after you divide one number by another, answer to a division problem	24÷8=3; 24/8=3; 8|24 → 3
Remainder	The amount leftover	4|27 → 6, -24, 3; 4|27 → 6 R3, -24, 3