

8-1 Multiplying Monomials

Monomial: a number, a variable, or a product of a number and one or more variables

means 1

Examples

-5

x
 $3x^2$ ← b/c it's a product

$18xyz$

$\frac{6x^5}{4}$ yes, b/c
4) x is on top

$$\frac{6x}{4} = \frac{6}{4} \cdot x$$

Non-examples

$p+q$

$6p-2q$

$16x-2y+4$
c/d

Review

exponent

$$2^4 = 2 \cdot 2 \cdot 2 \cdot 2 \text{ or } 16$$

base

4 factors