

TRANSLATING MATH TO WORDS

↳ The word sum always indicates _____

↳ The word difference always indicates _____

↳ The word product always indicates _____

↳ The word quotient always indicates _____

↳ EXAMPLE 1:

Translate $5 \cdot 7$ into words

ANSWER: _____

Note: ORDER IS VERY IMPORTANT!

↳ EXAMPLE 2:

Translate $9 \cdot x$ into words

ANSWER: _____

Note: $9 \cdot x$ is commonly written $9x$

CONSIDER

$$\begin{aligned} 7n &= 7 \cdot n \\ &= n \cdot 7 \quad \{\text{by the commutative property}\} \\ &= n + n + n + n + n + n + n \end{aligned}$$

↳

EXAMPLE 3:

[an algebra type problem!]

$$7n + 3n$$

$$7n = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$3n = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{aligned} \text{So } 7n + 3n &= \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &\quad + \underline{\quad} + \underline{\quad} + \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$

NOW TRY THESE:

a) $5x + 2x$

b) $n + 3n$

c) $3a + 11a$

The math symbol for the word **is**, is _____

EXAMPLE 4:

Translate "The sum of 1 and 3 is 4"
into math.

ANSWER: _____

TRANSLATING MATH TO WORDS Practice Problems

Translate each word statement into a math statement:

1. The sum of 7 and 6 is 13.

2. The product of 4 and 9 is 36.

3. The sum of 8 and x is 48

Translate each math statement into a word statement

4. $8 + 3 = 11$

5. $7 - 6 = 42$

6. $14 \cdot n = 28$