

Simplifying Expressions

By Priya Hayre

When simplifying expressions you only simplify things that go together
Such as $2x+3n+4x+5n$ you would add the x's together then the n's together

Answer: $6x+8n$.

A simplified expression has the same value as the original expression.

Here is how to simplify the following expressions:

$$a + a + a + a + a = 5a$$

$$6n - 3p - 2p = p - 6n$$

$$3q + 5t + 7q - 3t = 10q + 2t$$

If there is multiple letters when you times an expression you put them together **E.G. $5c \times 6y = 30cy$** . But if your adding you never add the letters together.

Here is how to simplify the following expressions:

$$a \times a \times a \times a = a^4$$

$$4n \times 5p = 20np$$

$$a \times b \times c = abc$$