

The Guide to Calculus AB

For $a_n \rightarrow A$ and $b_n \rightarrow B$:

Sequence Addition

$$\lim(a_n + b_n) = A + B$$

Sequence Multiplication

$$(\lim a_n)(\lim b_n) = AB$$

Sequence Division

$$\frac{(\lim a_n)}{(\lim b_n)} = A/B$$