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| * You ALWAYS Try Direct Substitution First

If Direct Substitution Does not work* Factor/Simplify/Direct Substitution
* Rationalize/Simplify/Direct Substitution
* Multiply/Simplify/Direct Substitution
* Get Rid of Compound Fractions/Simplify/Direct Substitution
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| How can you rewrite each of these using the Limit Laws?1. $\lim\_{x\to a}\left[f\left(x\right)+g(x)\right]$
2. $\lim\_{x\to a}k∙f(x)$
3. $\lim\_{x\to a}f(x)∙g(x)$
4. $\lim\_{x\to a}\frac{f(x)}{g(x)}$

Which ones only apply to limits? | 1. $\lim\_{x\to a}\left[f\left(x\right)+g(x)\right]=$
2. $\lim\_{x\to a}k∙f(x)=$
3. $\lim\_{x\to a}f\left(x\right)∙g\left(x\right)=$
4. $\lim\_{x\to a}\frac{f(x)}{g(x)}=$

\_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_ of limits only apply to limits. They will not apply to derivatives and integration. |