**Mrs. Volynskaya Limits Practice Name\_\_\_\_\_\_\_\_\_\_\_**

1. $\lim\_{x\to 0}\frac{\sqrt{x+5}-\sqrt{5}}{x}$
2. $\lim\_{x\to -3}\frac{\sqrt{1-x}-2}{x+3}$
3. $\lim\_{x\to -4}\frac{\frac{x}{x+2}-2}{x+4}$
4. $\lim\_{x\to 2}\frac{\frac{1}{x+2}-\frac{1}{4}}{x-2}$
5. $\lim\_{x\to 1}\frac{x-1}{x^{3}-x^{2}+x-1}$
6. $\lim\_{x\to 5}\frac{5-x}{x^{2}-25}$
7. $\lim\_{t\to -3}\frac{t^{3}+27}{t+3}$
8. $\lim\_{y\to 0}\frac{\sqrt{5+y}-\sqrt{5}}{y}$
9. $\lim\_{x\to 0}\frac{\frac{1}{4-x}-\frac{1}{4}}{x}$
10. $\lim\_{x\to 0}\frac{\frac{1}{x+1}-1}{x}$
11. $\lim\_{x\to -3}\frac{\sqrt{x+7}-2}{x+3}$