8

$$f(x) = 4040 \frac{\sqrt{x^{11}+1}-1}{x^{11}} \xrightarrow{x \to 0} 2020$$

$$f(x) = 4040 \frac{(\sqrt{x^{11}+1}-1)(\sqrt{x^{11}+1}+1)}{x^{11}(\sqrt{x^{11}+1}+1)} = 4040 \frac{x^{11}+1-1}{x^{11}(\sqrt{x^{11}+1}+1)} = 4040 \frac{1}{\sqrt{x^{11}+1}+1}$$