Find the limit (enter DNE if the limit does not exist). Hint: rationalize the denominator.

$$\lim_{(x,y)\to(0,0)} \frac{(8x^2 - 5y^2)}{\sqrt{(8x^2 - 5y^2 + 1)} - 1} = \boxed{}$$

Find the limit (enter DNE if the limit does not exist). Hint: rationalize the denominator.

$$\lim_{(x,y)\to(0,0)} \frac{(8x^2 - 5y^2)}{\sqrt{(8x^2 - 5y^2 + 1)} - 1} = \boxed{2}$$