$$\lim_{X \to 1} \frac{2x^2 - X - 1}{2x^2 - X - 1} = (1)$$

$$(y_3-1)^{\lambda=1} = 1_5-1=1-1=0$$

$$(2x^{2}-x-1)_{x=1}=2\cdot 1^{2}-1-1=2-1-1=0$$

$$\left(1\right) = \left(\frac{0}{0}\right)$$

$$(x-1) = (x-1)(x+1)$$

$$2x^{2}-1-1=2x^{2}-2x+x-1=2x(x-1)+(x-1)=(2x+1)(x-1)$$

$$\frac{X^{2}-1}{2x^{2}-X^{-1}} = \frac{(X-1)(x+1)}{(2x+1)(X-1)} = \frac{1}{2} \frac{(X-1)(x+1)}{(2x+1)} = \frac{1}{2} \frac{$$

$$(1) = \lim_{X \to 1} \frac{X+1}{2x+1} = \frac{(X+1)}{2X+1} = \frac{1}{2X+1}$$

$$=\frac{1+1}{2\cdot 1+1}=\frac{1+1}{2\cdot 1}=\frac{2}{3}$$

$$\lim_{X \gg 1} \frac{X^2 - 1}{2x^2 - x - 1} = \frac{2}{3}$$