B)
$$\lim_{x \to 1^+} f(x) = -1$$

$$f(x) = -1$$

$$f(x) = -1$$

C)
$$\lim_{x \to 1} f(x) = DNE$$

$$\#65$$
) $f(x) = \frac{2x^2-3x-2}{x^2+x-6} = \frac{(2x+1)(x-2)}{(x+3)(x-2)}$

A)
$$\lim_{x \to 2} f(x) = \frac{2(4) - 3(2) - 2}{4 + 2 - 6} = \frac{0}{0}$$
 indeterminate

Use factorization

$$\lim_{X \to 2} \frac{2x+1}{x+3} = \frac{5}{5} = 1$$

B)
$$\lim_{x \to 0} f(x) = \frac{-2}{-6} = \frac{1}{3}$$

c)
$$\lim_{x \to 1} f(x) = \frac{2-3-2}{1+1-6} = \frac{-3}{-4} = \frac{3}{4}$$