

# Midterm Corrections :

$$\lim_{x \rightarrow -4} \frac{2x^2 + x - 28}{x^2 + 11x + 28}$$

$$\Rightarrow 2x^2 + x - 28$$

$$2x^2 + 8x - 7x - 28$$

$$2x(x+4) - 7(x+4)$$

$$= (x+4)(2x-7)$$

$$\lim_{x \rightarrow -4} \frac{(x+4)(2x-7)}{(x+4)(x+7)}$$

c-c...

FINAL WILL TYPICALLY NOT USE SAME QUESTION TYPE.