



Let
$$f(x) = x^3 + 7x^2 + x - 6$$
 $f(x) = 3^2 + 7(3)^2 + 3 - 6 = 87$ 18:53

$$f'(x) = 3x^2 + 14x + 1 \quad f'(3) = 3(3)^2 + 14(3) + 1 = 70$$

$$f(x) = 6x + 14 \quad f''(3) = 6(3) + 14 = 32$$

$$f'''(x) = 6 \quad f'''(3) = 6$$

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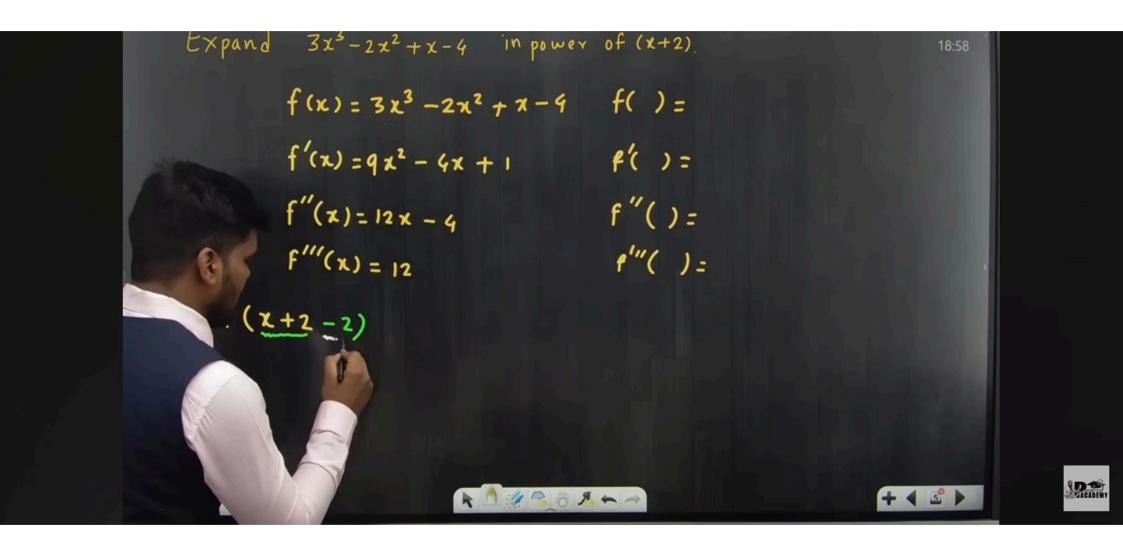
$$f'''(x) = 6x + 14 \quad f''(3) = 6(3) + 14 = 32$$

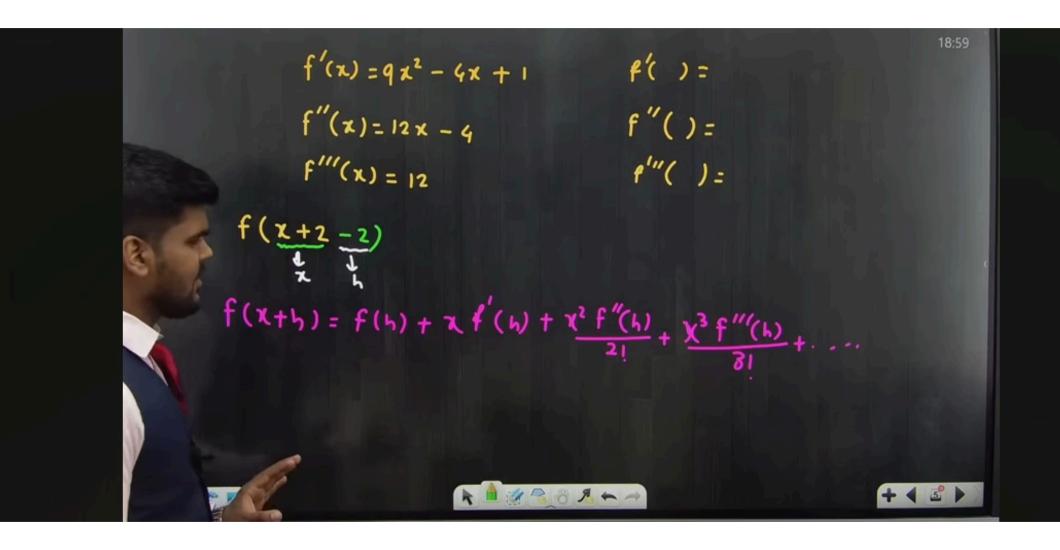
$$f'''(x) = 6x + 14 \quad f''(3) = 6(3) + 14 = 32$$

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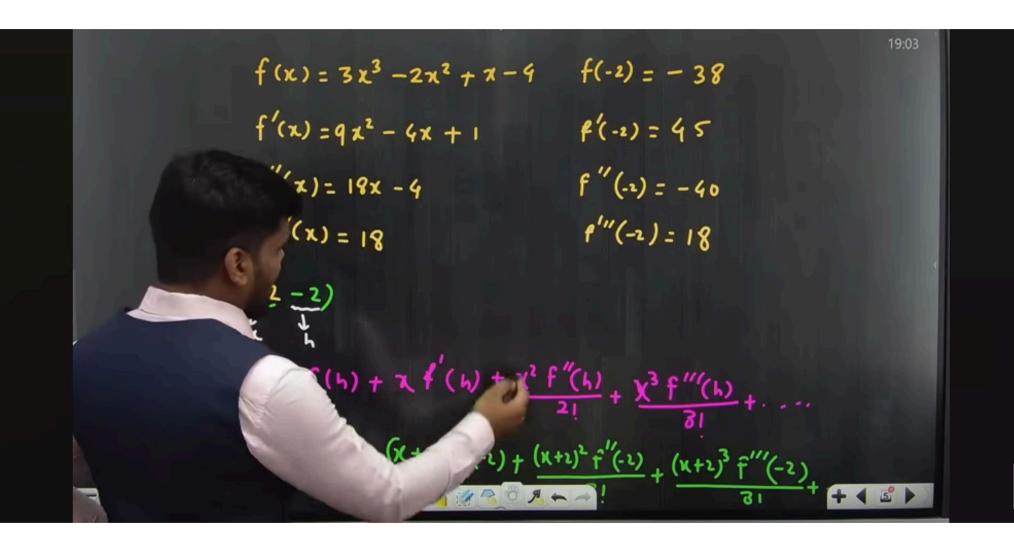


Max power of x times differentiate Krna hai

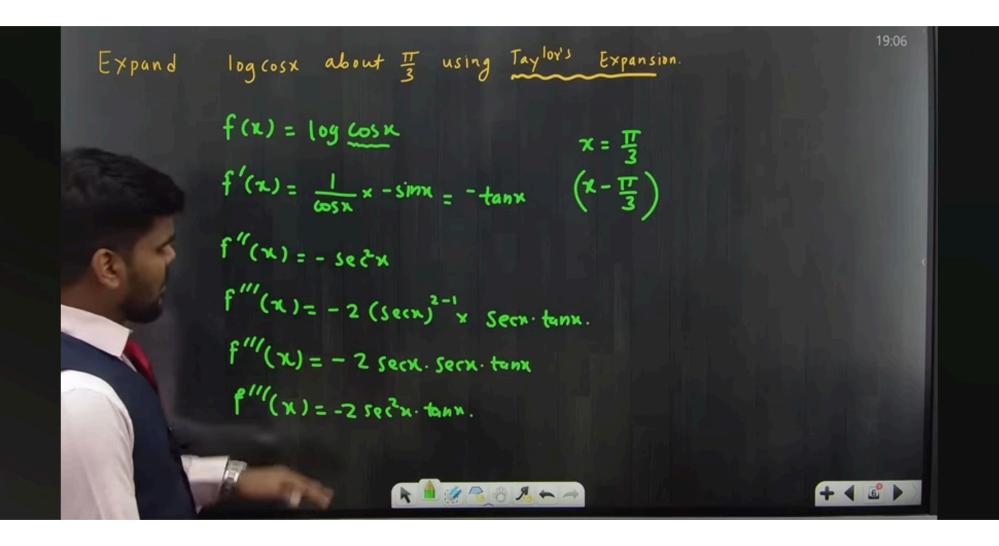




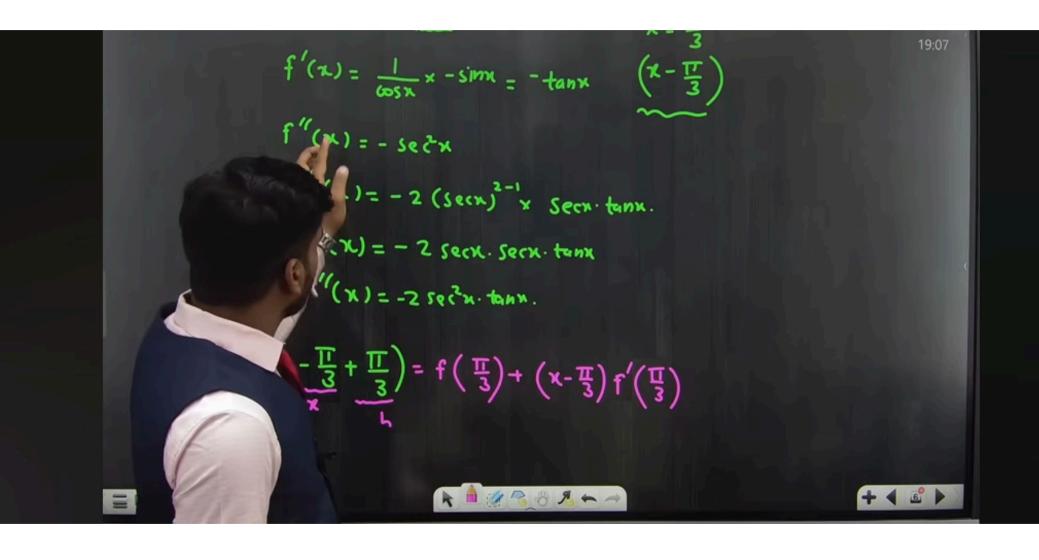




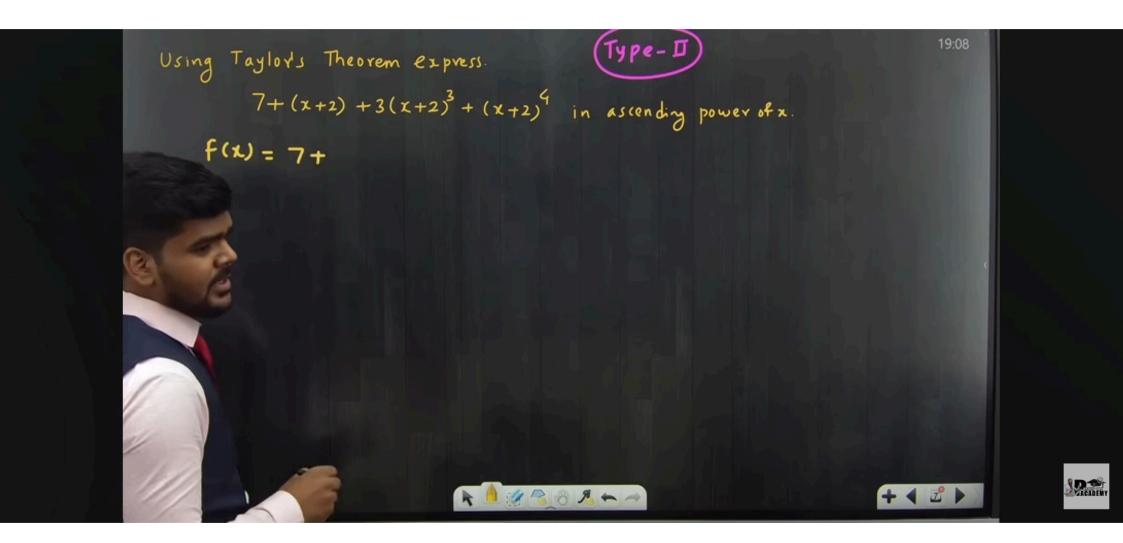


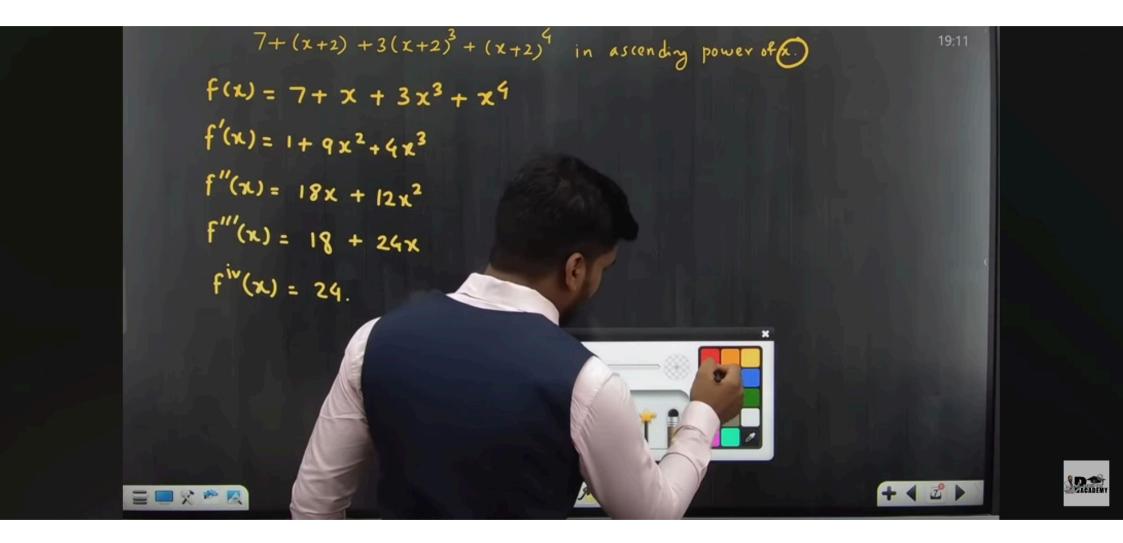


ACADEMY

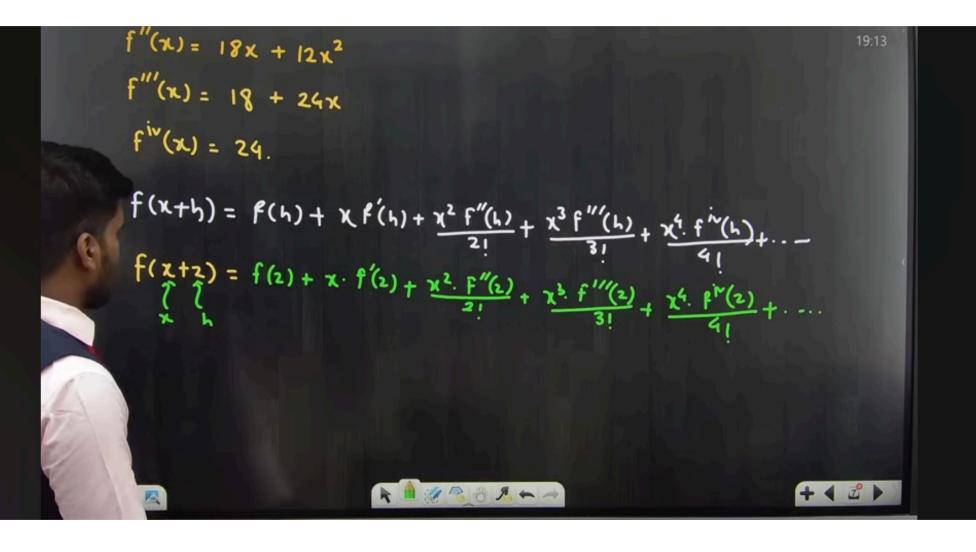




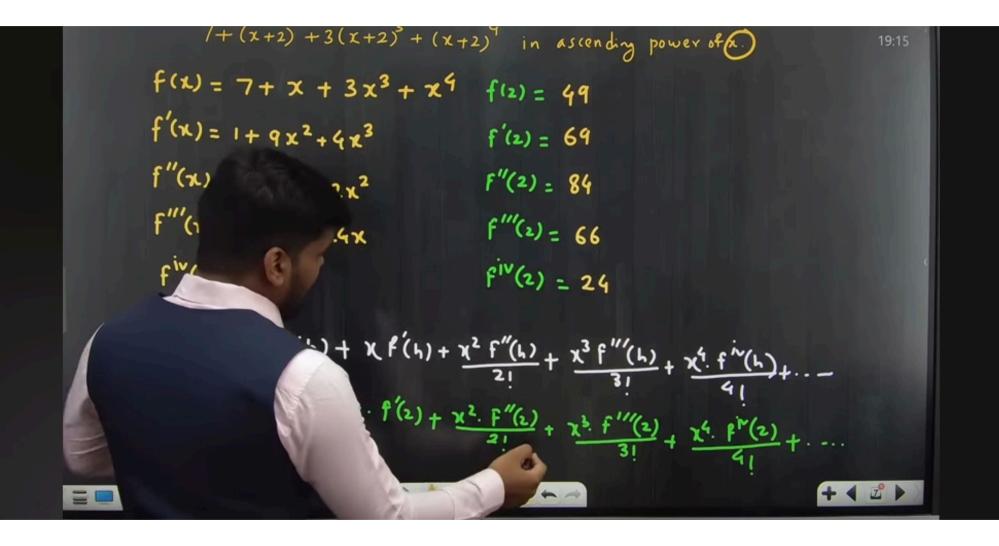




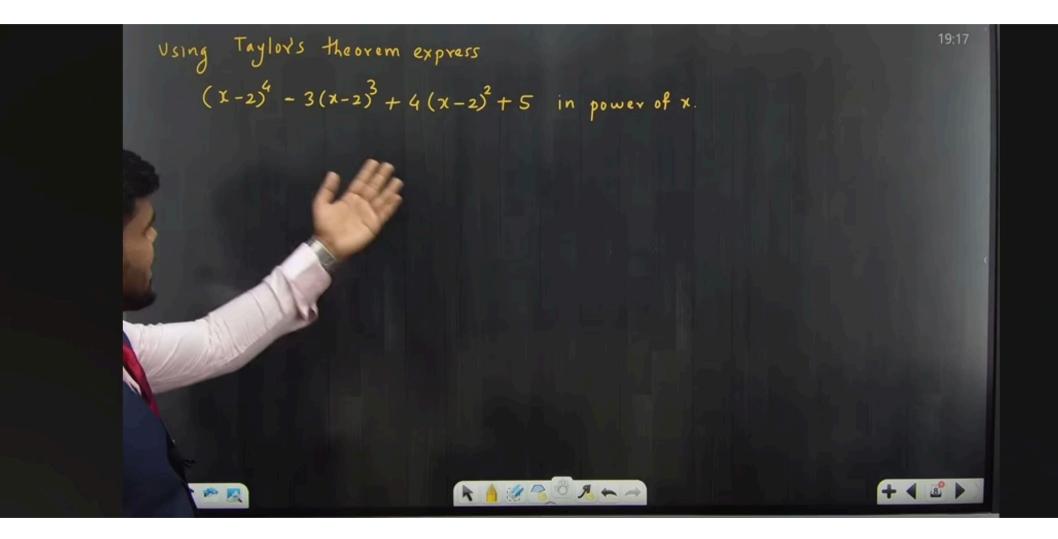
Bracket hi expansion hai



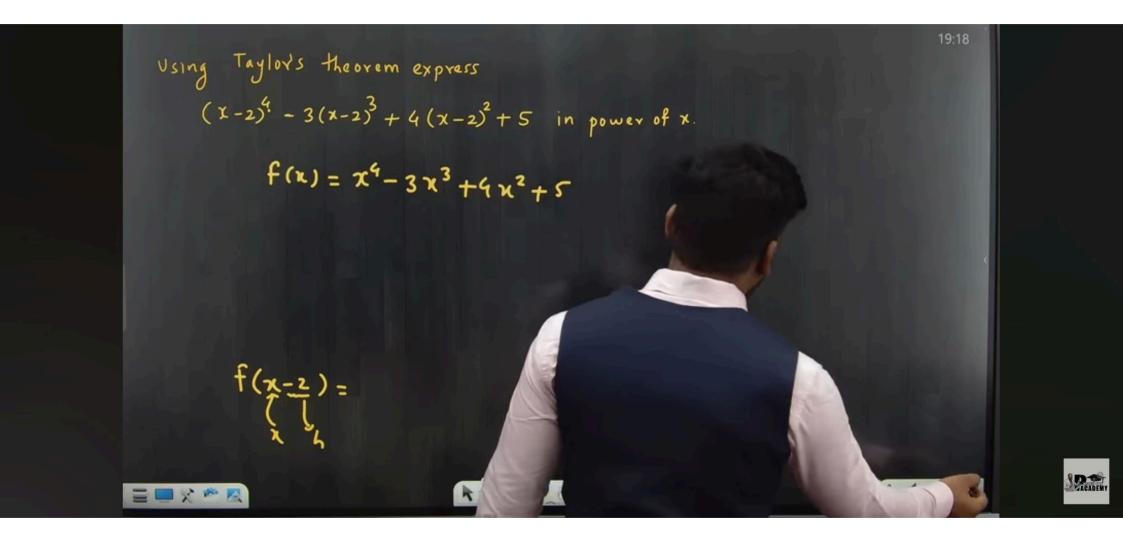


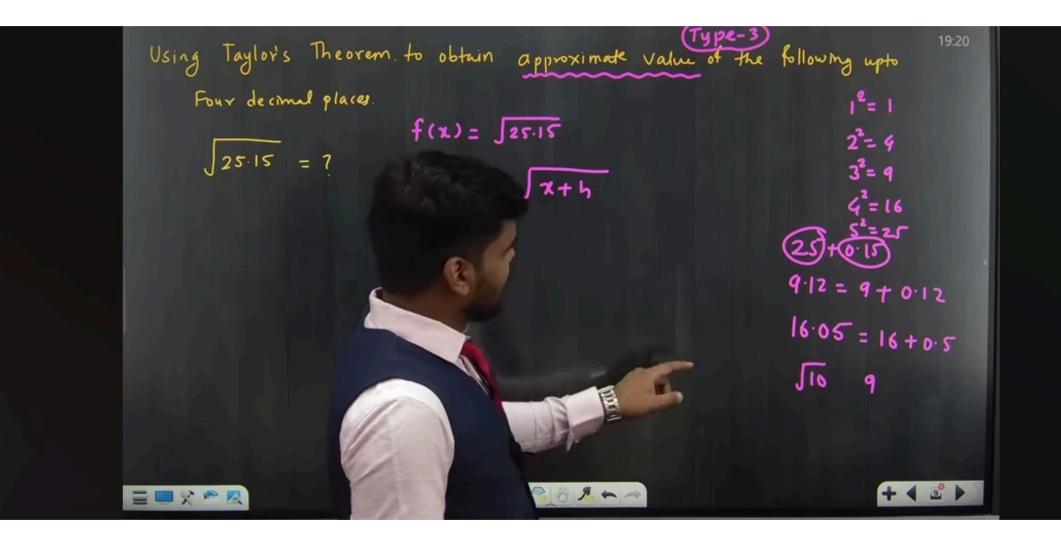




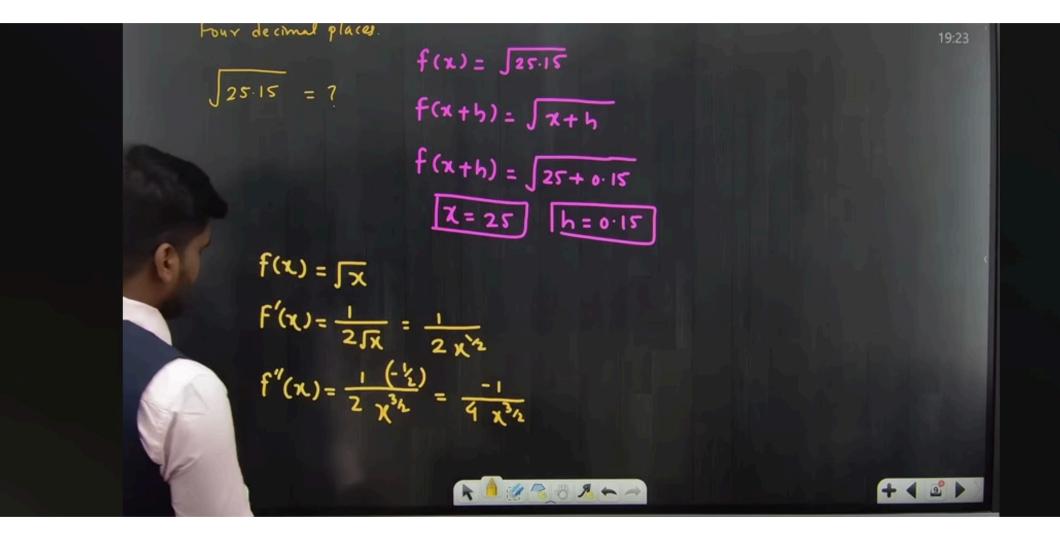




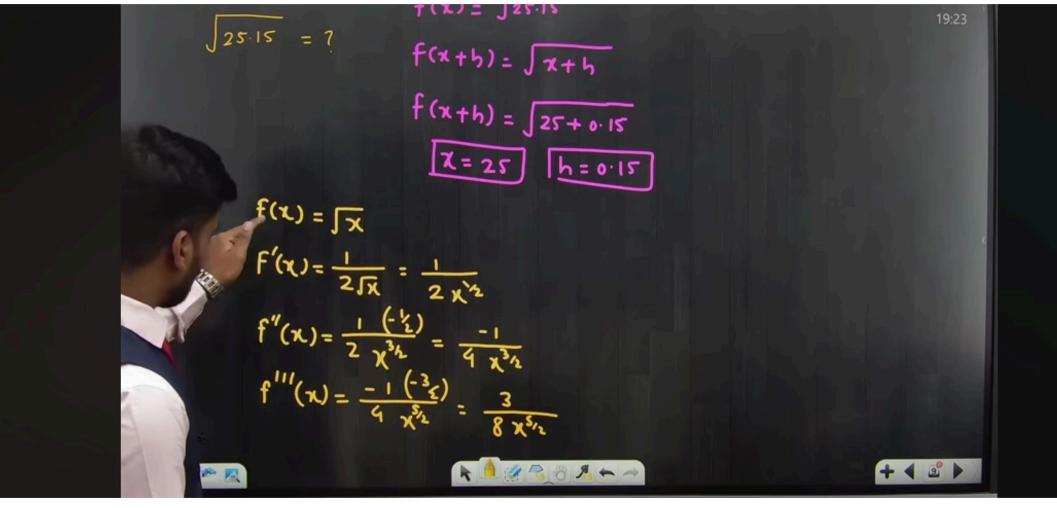




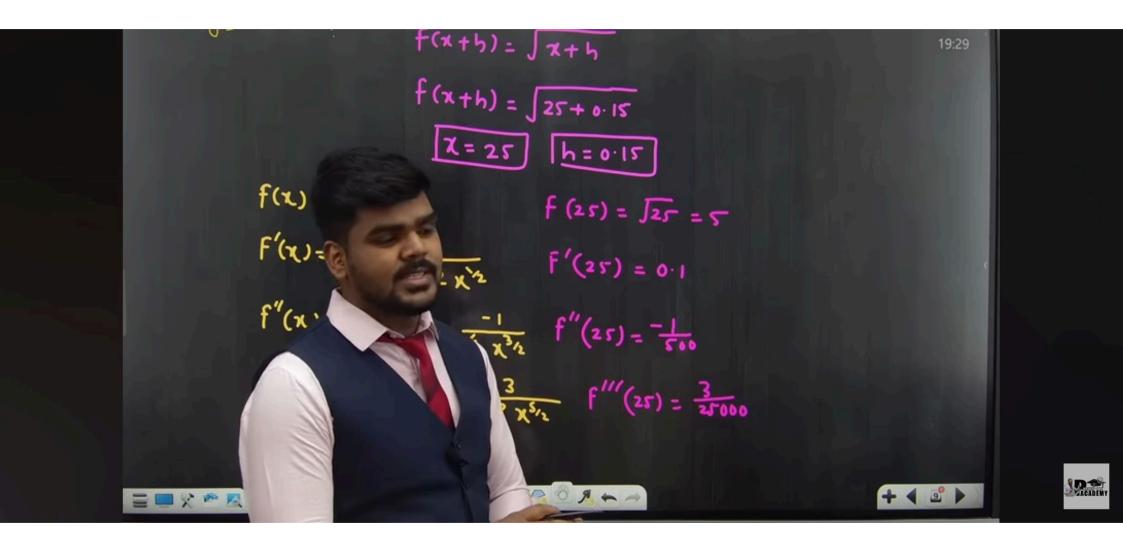




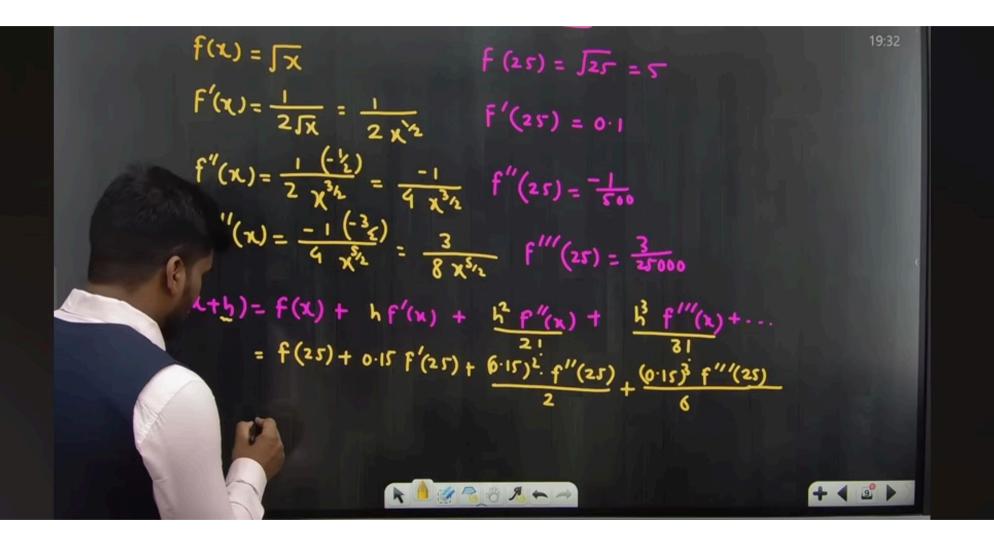




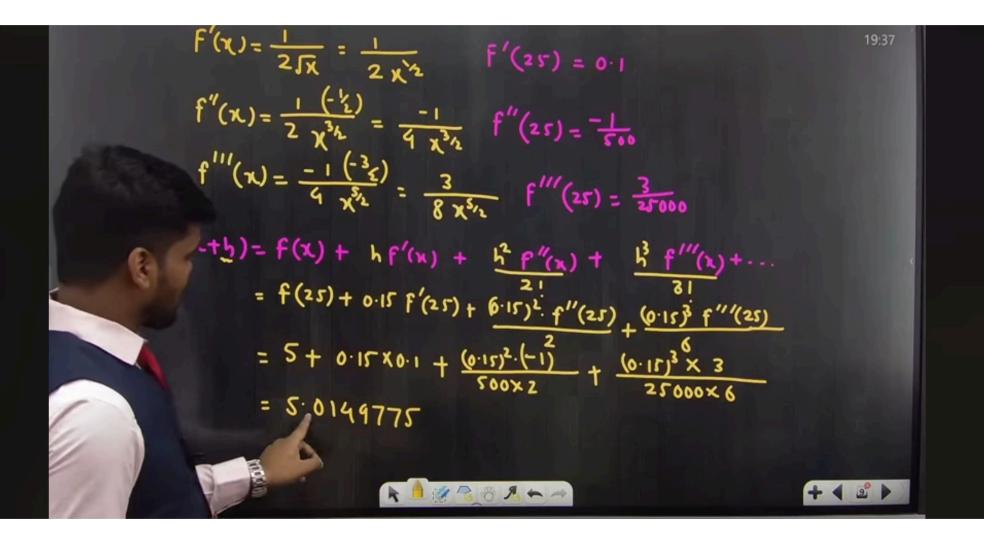




Interchange x and h in the formula for type 3



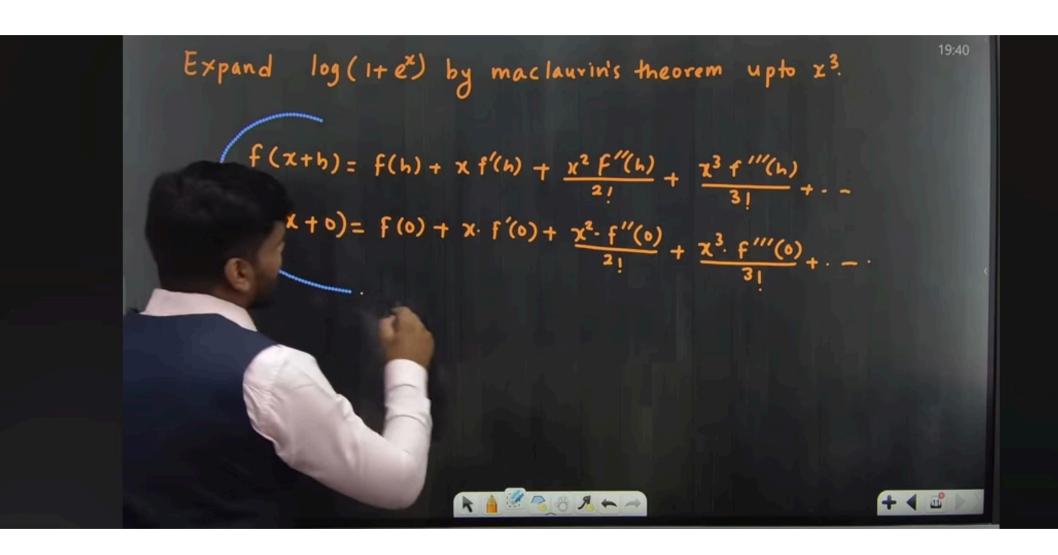




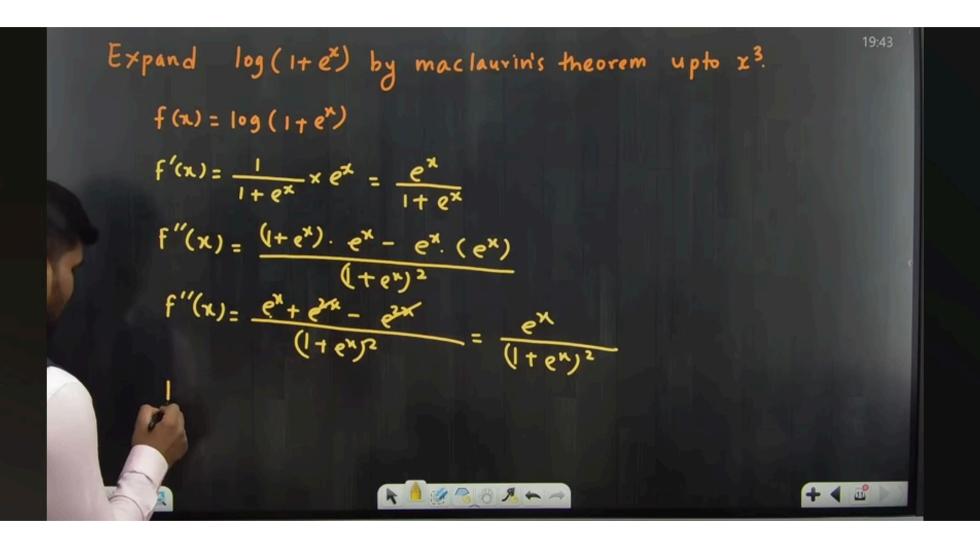












ACADEMY

