







2 EXAMPLE Simplify these expressions. b)  $\frac{\frac{3}{6}e^5}{10e^7}$ a)  $\sqrt{4e^{6x}} = \sqrt{4e^{6x}} = \sqrt{4e^{6x}} = 2(e^{6x})^{1/2}$  $= 2e^{3x}$ c)  $\left(e^3\right)^2 = e^6$  $d) e^{2x}e^{-3x} = e^{2x-3x}$ = e \* ~





