(2) $\dfrac{x^3-4x^2+3x+8}{x}$

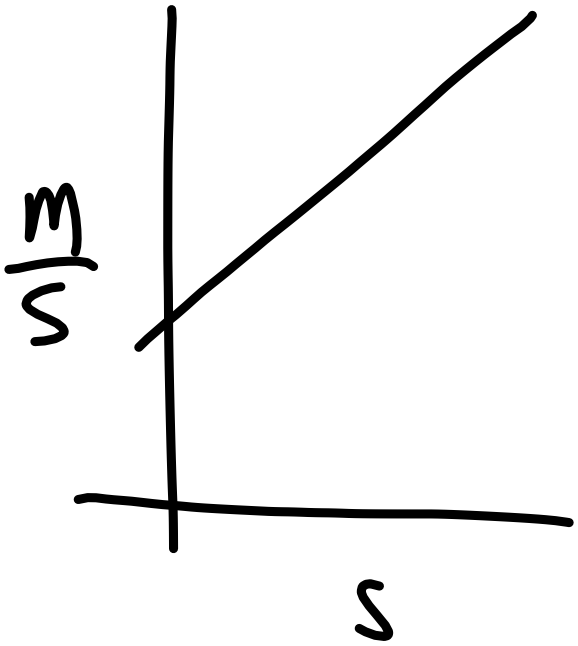
$\dfrac{x^{3/2}}{x}-\dfrac{4x^2}{x}+\dfrac{3x}{x}+\dfrac{8}{x}$

$\int x^2-4x+3x^0+\dfrac{1}{x}8 \rightsquigarrow 8x^{-1}$

↳ Doesn't work

$\dfrac{x^3}{3}-\dfrac{-4x^2}{2}+\dfrac{3x^1}{1}+\ln|x|8+C$

③



a) $39\ \frac{m}{s}$

b) Constant

c) $\int 9t + 3\ dt$

$\frac{9t^2}{2} + 3t + C$