a)
$$3y'(x^{2}-1)-2\times y=0 \rightarrow xeomogenä$$

aducemla e feramă simplif.

 $3y'(x^{2}-1)-2\times y=0$: $(x^{2}-1)\neq 0$
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 $3y'(x^{2}-1)-2\times y=0$
 $3y'(x^{2}-$

He
$$C = C(x) \rightarrow y$$
 $(x) = (x^2-1)^{\frac{1}{3}} \cdot C(x)$

calcular $y'(x) = C'(x) \cdot (x^2-1)^{\frac{1}{3}} + \left[(x^2-1)^{\frac{1}{3}}\right]^{\frac{1}{3}} \cdot C(x)$
 $(u^n)^{\frac{1}{2}} + n \cdot u^{n-\frac{1}{3}} \cdot u^{\frac{1}{3}}$
 $y'(x) = C'(x) \cdot (x^2-1)^{\frac{1}{3}} + \frac{1}{3} \left[(x^2-1)^{\frac{1}{3}}\right] \cdot (x^2-1)^{\frac{1}{3}} \cdot C(x)$
 $y'(x) = C'(x) \cdot (x^2-1)^{\frac{1}{3}} + \frac{1}{3} \cdot (2x) \cdot (x^2-1)^{\frac{1}{3}} \cdot C(x)$
 $y'(x) = C'(x) \cdot (x^2-1)^{\frac{1}{3}} + C(x) \cdot \frac{1}{3} \cdot 2x \cdot (x^2-1)^{\frac{1}{3}}$
 $(x^2-1)^{\frac{1}{3}} \cdot C(x) \cdot x \cdot \sqrt[3]{(x^2-1)^2} + \frac{2}{3} \cdot (x^2-1)^{\frac{1}{3}} \cdot C(x) = 0$
 $(x^2-1)^{\frac{1}{3}} \cdot C(x) \cdot x \cdot \sqrt[3]{(x^2-1)^2} - \frac{2}{3} \cdot x \cdot (x^2-1)^{\frac{1}{3}-1} \cdot C(x) = 0$
 $(x^2-1)^{\frac{1}{3}} \cdot C(x) \cdot x \cdot \sqrt[3]{(x^2-1)^2} - \frac{2}{3} \cdot x \cdot (x^2-1)^{\frac{1}{3}-1} \cdot C(x) = 0$
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 $(x^2-1)^{\frac{1}{3}} \cdot C(x) \cdot x \cdot \sqrt[3]{(x^2-1)^2} - \frac{2}{3} \cdot x \cdot (x^2-1)^{\frac{1}{3}-1} \cdot C(x) = 0$
 $(x^2-1)^{\frac{1}{3}} \cdot C(x) \cdot x \cdot \sqrt[3]{(x^2-1)^2} - \frac{2}{3} \cdot x \cdot (x^2-1)^{\frac{1}{3}} \cdot C(x) = 0$
 $(x^2-1)^{\frac{1}{3}} \cdot C(x) \cdot x \cdot \sqrt[3]{(x^2-1)^2} - \frac{2$