## Ülesanne 3:

$$y_{n} = c_{1} e^{x} + c_{2} e^{x}$$

$$y_{*} = A$$
,  $y_{*} = 0$ ,  $y_{*} = 0$  = 0 - A = -5  
 $x_{*} = 5$ 

(3) 
$$y = c_1 e^{x} + c_2 e^{x} + 5 \Rightarrow y = c_4 e^{x} - c_2 e^{x}$$
  
 $z = y^{2} - 5$   
 $z = c_4 e^{x} - c_5 e^{x} - 5$ 

$$\int_{z}^{z} = c_{1}e^{x} + c_{1}e^{x} + 5$$

$$z = c_{1}e^{x} - c_{2}e^{x} - 5$$
VASTUS