

23791

$$y = 5000 \cdot 1,05^x$$

$$y' = 5000 \cdot 1,05^x \cdot \ln 1,05$$

$$\frac{y'}{y} = \frac{\cancel{5000} \cdot 1,05^x}{\cancel{5000} \cdot 1,05^x \cdot \ln 1,05}$$
$$= \ln 1,05$$