Primjer 25.

$t = 4$
$V_0 = 5000$
$V_t = 6600$

$k = ?$

$$\boxed{V_t = V_0 (1+k)^t}$$

$$6600 = 5000 (1+k)^4$$
$$1,32 = (1+k)^4 \;/\cdot \sqrt[4]{}$$
$$1,07187 = 1 + k$$
$$k = 1,07187 - 1$$
$$k = 0,07187 = 7,187\,\%$$

Primjer 26.

$t = 8$
$V_t = 3V_0$

$k = ?$

$$V_t = V_0 (1+k)^t$$
$$3V_0 = V_0 (1+k)^8 \;/\cdot V_0$$
$$3 = (1+k)^8 \;/\cdot \sqrt[8]{}$$
$$1,14720 = 1 + k$$
$$k = 1,14720 - 1$$
$$k = 0,14720 = 14,720\,\%$$

Primjer 27.

$V_t = 2V_0$
$k = 4\,\%$

$t = ?$

$$V_t = V_0 (1+k)^t$$
$$2V_0 = V_0 (1+0,04)^t \;/\cdot V_0$$
$$2 = (1+0,04)^t$$
$$2 = 1,04^t \;/\cdot \log$$
$$\log 2 = \log 1,04^{(t)}$$
$$\log 2 = t \log 1,04 \;/\div \log 1,04$$
$$t = 17,67 \text{ god.}$$

PRAVILO 72
- aproksimira vrijeme potrebno da se udvostruči neki iznos

* npr. - br. god $\approx \frac{72}{k}$