

סדרת סכומים

4 שנים

ערך עתיד - FV

$$i = 0.5\% \quad (10)$$

פיקודים אחידים

$PV = 1000$

$FV = 1000$

$$\frac{(1+i)^n - 1}{(1+i)^n \cdot i} \quad \underline{\underline{1000}}$$

$$\frac{(1+i)^n - 1}{i} \quad \underline{\underline{1000}}$$

$$1000 \cdot \frac{(1 + 0.005)^{60} - 1}{0.005} = 69,770$$

CMPD.

$$n = 60$$

$$i = 0.5\%$$

$$pmt = 1000$$

FV solve: 69,770

is first

$$\frac{36}{0.5\%}$$

$$\frac{24}{0.75\%}$$

$$1000 \cdot \frac{(1 + 0.005)^{36} - 1}{0.005} = \underline{\underline{39,336.104}}$$

$$\frac{1000 \cdot (1 + 0.0075)^{24} - 1}{0.0075} = 26,188.47$$

↑

$$39,336.104 \times (1 + 0.0075)^{24} = \underline{\underline{47,062.247}}$$
$$73,250.717$$

5 slices

פרט 5

fv

עריכה 0.25%

1000 פרט 24

2000 פרט 36

fv

$$\frac{1000 \cdot (1 + 0.0025)^{24} - 1}{0.0025} = \underline{\underline{24,702.81}}$$

$$\frac{2000 \cdot (1 + 0.0025)^{36} - 1}{0.0025} = \frac{75,241.120}{\cancel{197,405.600}}$$

+

$$24,702.81 (1 + 0.0025)^{36} = 27,526.14$$

~~197,405.600~~

102,267.26

