

$$4000 (1+i)^{-4} \frac{(1+i)^4 - 1}{i} = a (1+i)^{-2} \frac{(1+i)^2 - 1}{i} \quad \left| \times (1+i)^2 \frac{i}{(1+i)^2 - 1} \right.$$

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Différence de deux carrés

$$a^2 - b^2 = (a-b)(a+b)$$