

TVM	Time value of money					
g-shift	Begin $\textcircled{0}$	End $\textcircled{0}$	SDIGS ₃₄			AMORT
f-shift	CLTVM	EFF $\rightarrow$ I/a	I $\rightarrow$ EFF/a			cp/a ₁₂
unshifted	n ₀	I/a ₀	PV ₀	PMT ₀	FV ₀	pp/a ₁₂
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/R47/Menus/R47v0_Menu_TRG_MORE_page_1.pdf

Next menu https://47calc.com/doc/R47/Menus/R47v0_Menu_Uniform_page_1.pdf

Ref 1 https://47calc.com/doc/Application%20Notes/AN0012_C47_R47_JM_TVM.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	TVM	MENU	Time value of money	Time value of money functions ; Info : When menu TVM is open, [RCL]/[STO] activates menu TamRclTVM/TamStoTVM ; TVM variable values are displayed as subscripts ; symbol $\ll$ is used for very small values ; symbol $\gg$ for very large values ; Ref : https://47calc.com/doc/Application%20Notes/AN0012_C47_R47_JM_TVM.pdf	Financial		TVM	
F1	n_0	Variable (real)	TVM number of payments	Reserved Real variable for the TVM number of payments (n) ; TI : NPPER = n pay periods =	Financial		NPPER	0
F2	I/a_0	Variable (real)	TVM annual interest rate	Reserved Real variable for the TVM annual interest rate as percentage (I/a) ; use 10 for 10%, not 0.1 ; displays as I_a or I in menu TVM when value is large ; TI : $I\%/a = I\%YR = APR =$	Financial		$I\%/a$	0
F3	PV_0	Variable (real)	TVM present value	Reserved Real variable for the TVM present value (PV) ; displays as P_v or P in menu TVM when value is large ; TI : PV = Present Value =	Financial		PV	0
F4	PMT_0	Variable (real)	TVM payment	Reserved Real variable for the TVM payment (PMT) ; displays as P_m or P in menu TVM when value is large ; TI : PMT = Payment =	Financial		PMT	0
F5	FV_0	Variable (real)	TVM future value	Reserved Real variable for the TVM future value (FV) ; displays as F in menu TVM when value is large ; TI : FV = Future Value =	Financial		FV	0
F6	pp/a_{12}	Variable (real)	TVM payment period	Reserved Real variable for the TVM payment period per annum (pp/a) ; displays as p_a or p in menu TVM when value $\neq 0$; TI : PPER/a = Pay periods p.a. =	Financial		PPER/a	12
fF1	CLTVM	Command	Clear TVM variables	Clear TVM variables	Cleanup		CLTVM	
fF2	$EFF \rightarrow I/a$	Function (monadic)	Nominal TVM annual rate	Calculate Nominal TVM annual rate from the Effective TVM annual rate in X and copy value to I/a (variable $I\%/a$) -- see Formula_EFFT01.png : https://47calc.com/doc/Images/Formula_EFFT01.png ; TI : $I\%/a = I\%YR = NAR =$	Financial		$EFF \rightarrow I/a$	
fF3	$I \rightarrow EFF/a$	Function (monadic)	Effective TVM annual rate	Calculate Effective TVM annual rate from the TVM annual interest rate in I/a (variable $I\%/a$) -- see Formula_ITOEFF.png : https://47calc.com/doc/Images/Formula_ITOEFF.png ; TI : $EFF\%/a = EFF\%YR = EAR =$	Financial		$I \rightarrow EFF/a$	
fF4								
fF5								
fF6	cp/a_{12}	Variable (real)	TVM compounding periods	Reserved Real variable for the TVM compounding periods per annum (cp/a) ; displays as c_a or c in menu TVM when value $\neq 0$; TI : CPER/a = Compounding periods p.a. =	Financial		CPER/a	12
gF1	Begin $\bigcirc$	Setting (pgm)	TVM begin payments	Switch on TVM begin payments ; Info : SBI END ; BEG is shown if flag Sbtvm is SET and menu TVM, AMORT or CASHFL is open ; SBI : BEG	Financial	ENDPMT	BeginP $\bigcirc$	OFF
gF2	End $\odot$	Setting (pgm)	TVM end payments	Switch on TVM end payments ; Info : SBI END ; BEG is shown if flag Sbtvm is SET and menu TVM, AMORT or CASHFL is open ; SBI : END	Financial	ENDPMT	ENDP $\odot$	ON
gF3	$SDIGS_{34}$	Setting (pgm)	Set significant digits	Set the number of significant digits (1-34) for rounding after each operation ; sets tolerance of solvers, plotting and CONVG? ; value of 0 sets maximum precision (34) ; TAM : SDIGS __ TamNonReg menu ; Info : when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS	Mathematics		$SDIGS_{34}$	34
gF4								
gF5								
gF6	AMORT	MENU	TVM amortisation	TVM amortisation ; Info : When menu AMORT is open, [RCL]/[STO] activates menu TamRclTVM/TamStoTVM ; Ref : https://47calc.com/doc/Application%20Notes/AN0012_C47_R47_JM_TVM.pdf	Financial		AMORT	

p1	TVM	Link
F1	n_0	
F2	I/a_0	
F3	PV_0	
F4	PMT_0	
F5	FV_0	
F6	pp/a_{12}	
fF1	CLTVM	
fF2	$EFF \rightarrow I/a$	
fF3	$I \rightarrow EFF/a$	
fF4		
fF5		
fF6	cp/a_{12}	
gF1	Begin $\odot$	
gF2	End $\ominus$	
gF3	$SDIGS_{34}$	
gF4		
gF5		
gF6	AMORT	https://47calc.com/doc/R47/Menus/R47v0_Menu_AMORT_page_1.pdf