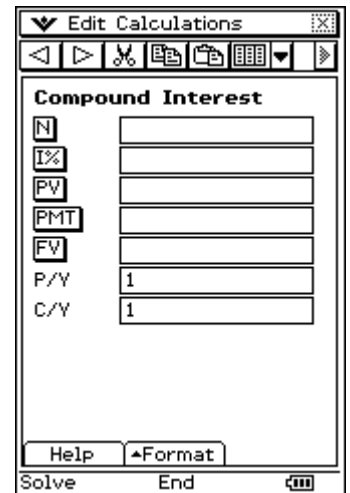


Classpad Help Series sponsored by Casio Education Australia		www.casioed.net.au	
922	Compound Interest in Financial	Author	Charlie Watson
		Date	11 March 2011
		CPM OS	03.05.0000

Start in the Financial application.

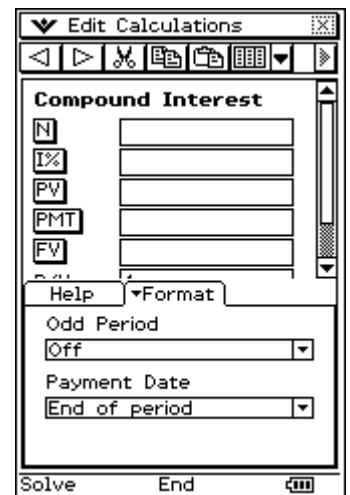
Tap **Edit, Clear All**.

Tap **Compound Interest**.



Tap the **Format** tab.

Check the settings are as shown. If not, adjust.

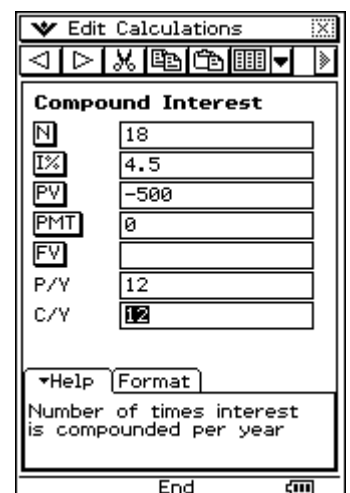


Tap the **Help** tab.

To calculate the compound interest, calculated monthly, on an amount of \$500 at a rate of 4.5%pa for a period of 18 months, enter the values shown at right.

As you enter each value, the Help box at the bottom of the page explains the meaning of each variable.

PMT is set to 0 as no further deposits after made except for the initial \$500.



Tap the **FV** icon.

The future value of the amount with interest rounds to \$534.85.

Compound Interest	
N	18
I%	4.5
PV	-500
PMT	0
FV	534.8476026
P/Y	12
C/Y	12

▼Help Format
Future value

Solve End

To clear the page for another problem tap **Edit, Clear Page**.

How long will it take for an amount of \$1000 to double in value if interest of 6% is compounded annually?

Enter the values as shown at right.

Compound Interest	
N	
I%	6
PV	-1000
PMT	0
FV	2000
P/Y	1
C/Y	1

▼Help Format
Number of times interest is compounded per year

End

Tap the **N** icon.

ClassPad calculates that 11.896 instalment periods will be needed. In other words the investment will have doubled at the end of 12 years.

To delete the page tap **Edit, Delete Page**.

Compound Interest	
N	11.89566105
I%	6
PV	-1000
PMT	0
FV	2000
P/Y	1
C/Y	1

▼Help Format
Number of installment periods

Solve End