

11 Making Everything Add Up



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Introduction

This chapter tells you how to use Avigo's **Calculator** application to perform standard, cost-sell-margin, and date calculations.

For more complex financial calculations, you can use **Financial Calculator** which is included on the Avigo CD-ROM. Use Avigo Manager to copy **Financial Calculator** from your PC to Avigo. (For details see the *Financial Calculator User's Guide* and *Avigo Manager online help*.)

To access **Calculator** view, tap the **calc** icon. Use the **Primary** list box to switch between the different calculators.

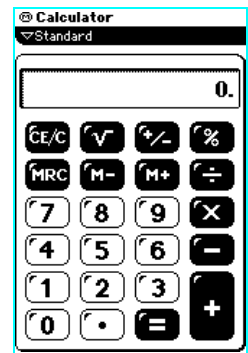
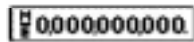
Performing Standard Calculations

To access Standard Calculator:

1. Tap on the **Primary** list box in the **Calculator** screen.
2. Select **Standard**.

The **Standard Calculator** screen will be displayed.

The Standard Calculator display



- Entries and results are displayed with a maximum of 12 digits.
- A minus sign (-) is displayed to the left of a negative number.
- **M** is displayed when a value other than zero is stored in memory.
- **E** is displayed when an error condition occurs.

To clear:

- To clear an error condition (**E**), tap **CE/C** twice. Then re-enter the calculation.
- To clear an incorrect entry, tap **CE/C** once. Then enter the correct number and continue your calculation.
- To clear the current calculation, tap **CE/C** twice.
- To clear the memory, tap **MRC** twice.
- To clear the display and memory, tap **MRC**, **MRC**, **CE/C**, **CE/C**.

Note: The calculator does not retain any displayed value or value in memory when you exit the Calculator application.

To perform standard calculations:

Examples	Enter/Press	Display
Addition and Subtraction		
$23.79 + 0.54 - 6$	$23.79 \text{ [+] } .54 \text{ [-] } 6 \text{ [=]}$	18.33
$-12.3 + 7.9 + 1.6$	$12.3 \text{ [+/-] } + 7.9 \text{ [+] } 1.6 \text{ [=]}$	-2.8
Multiplication and Division		
$12 \times 13 \div 6$	$12 \text{ [x] } 13 \text{ [÷] } 6 \text{ [=]}$	26.
$28 \div 0.5 \times 76$	$28 \text{ [÷] } .5 \text{ [x] } 76 \text{ [=]}$	4,256.
Constant Calculations		
$2 + 3$	$2 \text{ [+] } 3 \text{ [=]}$	5.
$4 + 3$	4 [=]	7.
$8 - 6$	$8 \text{ [-] } 6 \text{ [=]}$	2.
$3 - 6$	3 [=]	-3.
3×8	$3 \text{ [x] } 8 \text{ [=]}$	24.
3×15	15 [=]	45.
$27 \div 3$	$27 \text{ [÷] } 3 \text{ [=]}$	9.
$15 \div 3$	15 [=]	5.
Squares, Square Roots, and Reciprocals		
2.5^2	$2.5 \text{ [x] } \text{ [=]}$	6.25
$\sqrt{144}$	$144 \text{ [} \sqrt{\text{]}}$	12.
$1/25$	$25 \text{ [÷] } \text{ [=]}$	0.04

Examples	Enter/Press	Display
Percentage Calculations		
5% of 250	250 \times 5 % $=$	12.5
250 + 5%	250 $+$ 5 % $=$	262.5
250 - 5%	250 $-$ 5 % $=$	237.5
Memory Operations		
Clear Memory	MRC MRC	
$(4 \times 11.99) +$	4 \times 11.99 $\text{M}+$	M 47.96
(12×0.98)	12 \times .98 $\text{M}+$	M 11.76
	MRC	M 59.72
Clear Memory	MRC MRC	
$\frac{7.9 + 8.1}{-(5.2 + 2.8)}$	5.2 $+$ 2.8 $\text{M}-$	M 8.
	7.9 $+$ 8.1 \div	M 16.
	MRC $=$	M -2.

Performing Cost-Sell-Margin Calculations

The **Cost-Sell-Margin Calculator** is designed to assist you in making informed decisions concerning cost, selling price, and profit margin. Any one of these figures can be calculated when the other two are known.

To access the Cost-Sell-Margin Calculator:

1. Tap on the **Primary** list box in the **Calculator** screen.
2. Select **Cost-Sell-Margin**.

The **Cost-Sell-Margin Calculator** screen will be displayed.

The screenshot shows a mobile application interface for a calculator. At the top, there's a title bar labeled 'Calculator'. Below it is a dropdown menu currently showing 'Cost-Sell-Margin'. Underneath the dropdown are three input fields, each with a button to its left: 'Cost', 'Sell', and 'Margin'. The 'Cost' button is to the left of the 'Cost' input field, 'Sell' is to the left of the 'Sell' input field, and 'Margin' is to the left of the 'Margin' input field. At the bottom right of the screen is a 'Clear' button.

To perform Cost-Sell-Margin calculations:

If you know two of the following three values: 1) the cost of an item, 2) the selling price of the item, and 3) the margin of profit, you can determine the value of the third.

Note: Sell values must be greater than zero. Cost values must be greater than or equal to zero. Margin values must be less than or equal to one hundred. Cost values can be equal to zero if and only if the Margin value is equal to one hundred.

To solve for Cost:

By entering margin and selling price values, you can determine the cost of an item. For example, if the selling price of an item is \$1.25 and the margin is 20%, find the cost of the item:

1. Tap on the box to the right of **(Sell)**. A calculator will be displayed.
2. Enter **[1]**, **[.]**, **[2]**, and **[5]** to create the selling price value.
3. Tap **✓** to move the selling price value to the **Sell** field.
4. Tap on the box to the right of **(Margin)**.
5. Enter **[2]** and **[0]** on the keyboard and tap **✓** to create the **Margin** value.
6. Tap **(Cost)** to solve the equation. The answer (1.00) will appear in the **Cost** field.

Note: The answer will be bolded to let you know that a solution has been reached.

7. To clear values from all three fields, tap **(Clear)**.

Performing Date Calculations

The **Date Calculator** is designed to assist you in determining start dates, end dates and number of days between two dates. Any one of these figures can be calculated when the other two are known.

To access the Date Calculator:

1. Tap on the **Primary** list box in the **Calculator** screen.
2. Select **Date**.

The **Date Calculator** screen will be displayed.

To perform Date calculations:

If you know two of the following values: 1) the **Start Date**, 2) the **End Date**, and 3) the number of **Days** between start and end dates, you can determine the value of the third.

To Solve for End Date:

By entering a **Start Date** and **Days** between start and end date, you can determine the **End Date**. For example, if the **Start Date** is 01/03/97 and the total number of **Days** is 27, find the **End Date**:

1. Tap on the box to the right of **(Start Date)**. A **Date Picker** will be displayed.
2. If necessary, use the ◀▶ to the left and right of the year to access the appropriate year (1997).
3. Use the ◀▶ to the left and right of the month, as needed, to access the appropriate month (Jan).
4. Select the appropriate day of the month (3).
5. Tap ☑ to move the **Start Date** value to the **Start Date** field.
6. Tap on the box to the right of **(Days)**. A calculator will be displayed.
7. Enter the appropriate numbers (27) to create the **Days** value.
8. Tap ☑ to move the **Days** value to the **Days** field.
9. Tap **(End Date)** to solve the equation. The answer (Jan 30, 1997) will appear in the **End Date** field.
10. To clear values from all three fields, tap **(Clear)**.



*Did you know that if you're 10,000 days old, you're 27? And, if you live to be 100 years old, you will have lived 36,541 days? How old are you in days? To find out, enter your birthday as the **Start Date** on the **Date** calendar and **Today** as the **End Date**. Then, click **Days**.*