


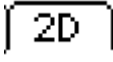
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208	Re-arranging Equations	Author	Monty Campbell
		Date	1 Jan 2008
		CPM OS	03.01.3000.0240

## Re-arranging Equations

Suppose we wish to express  $a$  as the subject in  $t = 2a + 3b$ .

Tap the Main screen icon  Main

Press **Keyboard**

Tap , tap VAR



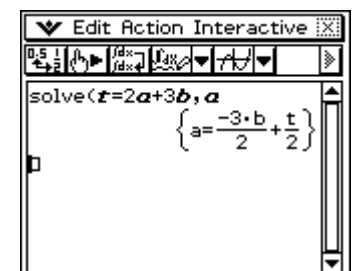
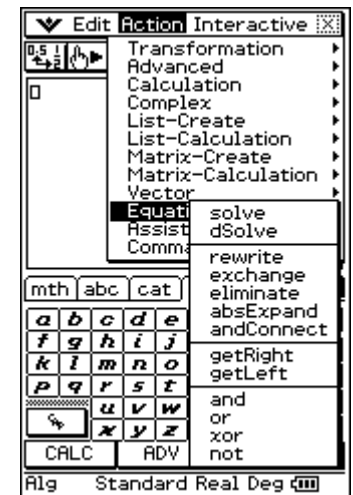
Either:

Tap **Action, Equation/Inequality, solve**

Enter  $t = 2a + 3b$

Type ,  $a$

Press or tap **EXE**

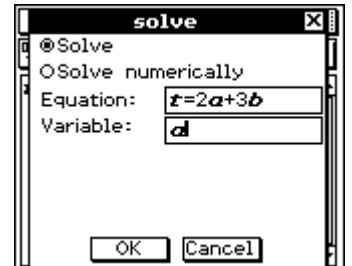
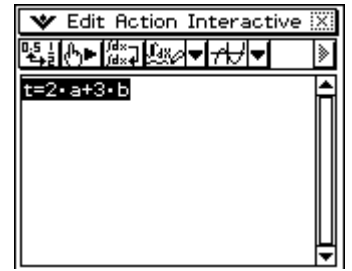


or:

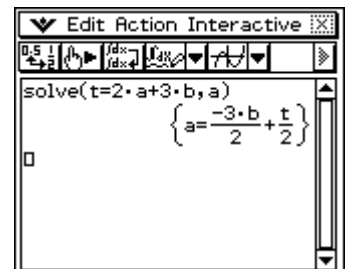
Enter and highlight  $t = 2a + 3b$

Tap **Interactive, Equation/Inequality, solve**

The default variable to solve for is  $x$ , change this to  $a$  by highlighting  $x$  and typing  $a$






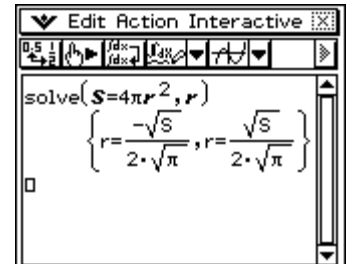
Tap **OK**



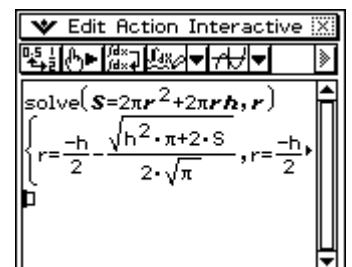
Some other examples are :

Obtain  $r$  as the subject in  $S = 4\pi r^2$

**NOTE:** Tap  for capital  $S$   
tap  for  $\pi$ ,  
tap  for  $r^2$



Obtain  $r$  as the subject in  $S = 2\pi r^2 + 2\pi r h$



Tap on  a few times to view the rest of the result.

