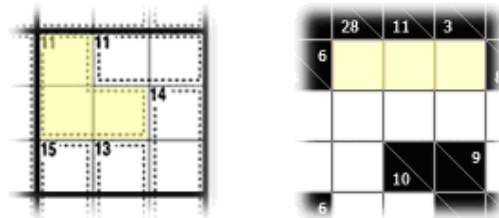# KaKuRo Helper

Current Version: 2.0

Introduction

In the last few years the SuDoKu numbers game has taken the world by storm. From the basic game there has been various spin off variations. This application is aimed towards the games that go by the name of **KaKuRo**, **Cross Sums** and **Killer SuDoKu**. These games, group sets of squares together and provide a grand total for that group.

Main Screen

KaKuRo Helper is an application that given a number of squares in a group and the grand total, will calculate the possible number permutations that could fit into the group.

Section : Number of Digits

Use these number boxes to select the total number of digits within the group.

Section : Required Total

Move the slider to select the grand total for all the digits in the group. The maximum and minimum values for the group total are displayed on the right and left of the slider control.

Section : Number Combinations

Possible Combinations

1589	2678	4568
1679	3479	
2489	3569	
2579	3578	

This section displays the possible number combinations that could be used to reach the grand total for the group. If any Include/Exclude digits are selected then the results will be modified accordingly.

New to version 1.1
The number combinations can be tapped on to toggle the colour of the number between black and grey. This is useful if you have a number of possibilities and you want to eliminate numbers from the result.

Possible Combinations

1589	2678	4568
1679	3479	
2489	3569	
2579	3578	

Section :Masking Results

Exclude results with digits...
1 2 3 4 5 6 7 8 9

This section allows you to mask results by including or excluding possible combinations depending on the digits that have been selected. You can toggle the state of the include/exclude button by clicking on the text.
Using the **Include** option will ensure that all results include the selected numbers within each possible numeric combination. The **Exclude** option will ignore results that have the selected numbers.

Preferences

TiGa

KaKuRo Helper Preferences
Check the following boxes to clear the include/exclude digits from the results when...
☑ the number of digits changes
☑ the required total changes
☐ the include/exclude state changes
(OK) (Cancel)
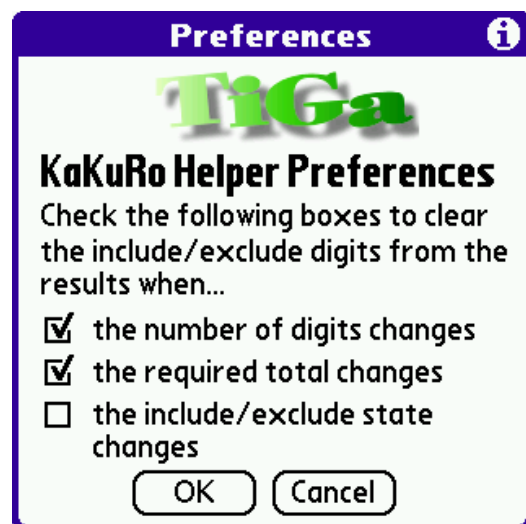
- **Preferences Form**
  The preferences form allows you to reset the result set by clearing any ignored digits that have applied to the results. Without any of these set the ignored digits will stay until you clear them manually.

  'the number of digits changes' – When the total number of digits in a group changes, the ignored digits are cleared and the result set updated.

  'the required total changes' – When the required total changes for a group the ignored digits are cleared and the result set updated.

  'the include/exclude state changes' – When you change the include/exclude state the ignored digits are cleared and the result set updated.

- **Contact Information**

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- **Version History**

12th June 2008	Version 2.0	Now Freeware
18th April 2007	Version 1.1	Added colour toggle on number combinations
2nd March 2006	Version 1.0.1	Minor bug fixes
2nd February 2006	Version 1.0	Initial Release