Nspired Crossword

Introduction

The purpose of this activity is to become more familiar with the menus, keys, applications and navigation within the TI-Nspire CX. Clues for the crossword refer to either the Application and Menu or key. You must look at the number of characters available for the answer and compare this with the commands available within the specified menu.

Example 1

Clue: **Calculator** > Probability > Random

The first part of the clue identifies the Application's Menu:
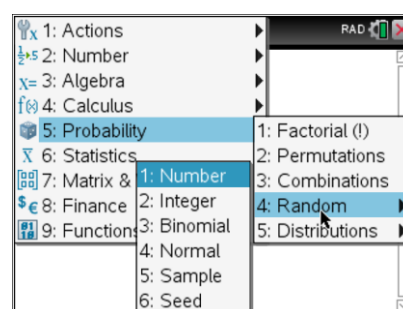
>   **Calculator**

The second part refers to a selection within the main Menu:

>   **Probability**

Subsequent items refer to further Menu selections:

>   **Random**

Suppose the crossword requires a six letter word. You would have three options:

>   Number   Normal   Sample

You would therefore need to know more information about some of the other letters in the puzzle before answering this question.
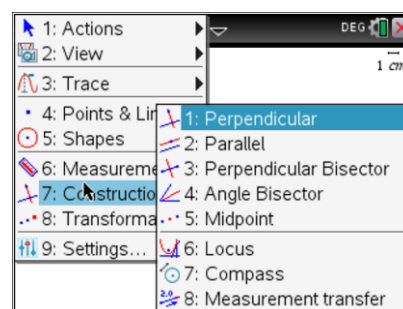
Example 2

Clue: Geometry > Construction [& 5 Across]

The first part of the clue identifies the Application:

>   **Geometry**

The second part of the clue is the first Menu selection:

>   **Construction**

The third part of the clue means the required menu selection contains more than one word. In this case one of the words is also cited for '5 Across'. The answer could be:

>   Perpendicular Bisector   Angle Bisector   Measurement transfer

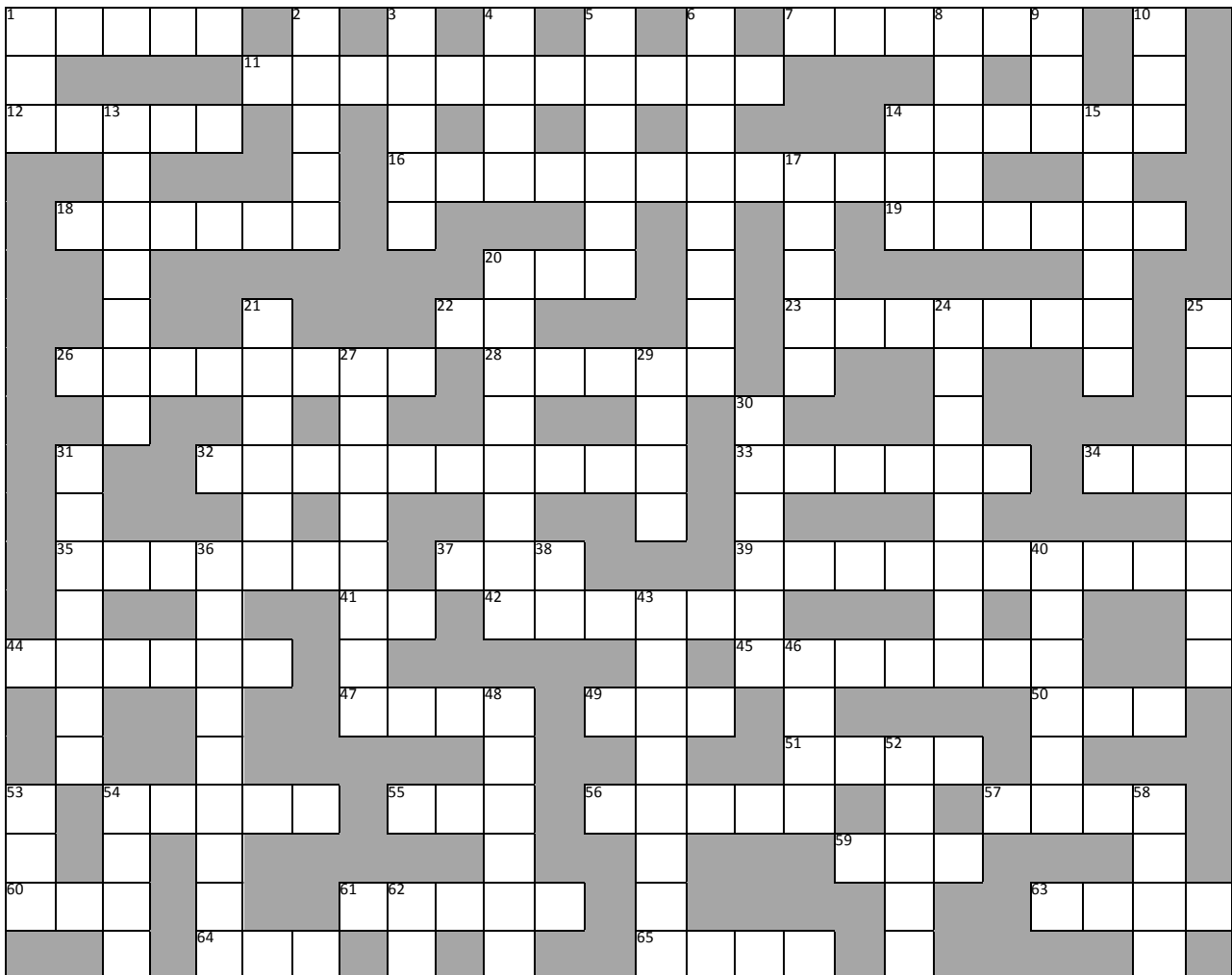The number of available letters will help verify which answer is correct and which word goes for which clue.
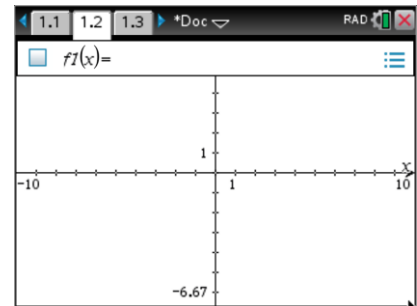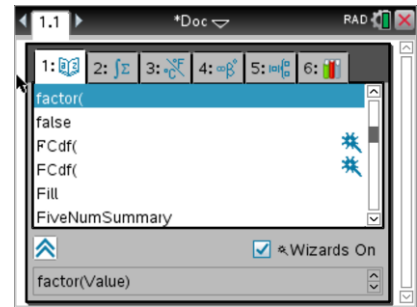
Example 3

In some clues a 'key' is indicated. Some keys have sub menus such as the [DOC] (document) key. The catalogue key: 📖 contains a complete listing of commands. The catalogue key will always be followed by a letter. Press the catalogue key followed by the letter to move directly to commands starting with the letter.

Start a new TI-Nspire document and insert a Calculator Application. Press **CTRL + I** and insert a Graphs application. The new tab shows 1.2, this refers to "Problem 1" and "Page 2". This activity refers to the Calculator, Graphs, Geometry, Notes , Data and Statistics, Lists and Spreadsheet Applications. Only one copy of each is required. The menu in each application is different.

Navigation:

    Ctrl + Right = Next Page   Ctrl + Left = Previous Page

    Ctrl + Up = Document View   [ESC] Progressively retreat
    Menu items are numbered for quick access

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TEXAS INSTRUMENTS

Across

1. **Graphs** > Geometry > Measurement
7. **Geometry** >
11. **Graphs** > Actions   [___ and Equations]
12. **Calculator** > Statistics [& 29 Down]
14. **Geometry** > Points & Lines [& 34 Across]
16. **Geometry**
18. **Graphs** > Analyse Graph > Analyse Conics
19. 🖩 - S
20. **Calculator** > Functions & Programs > Control
    [...Endfor]
22. 🖩 - O
23. **Calculator** > Matrix & Vector > Vector
    [& 38 Down & 61 Across]
26. **Graphs**
28. **Geometry** > Measurement
32. **Calculator**
33. 🖩 - A
34. **Geometry** > Points & Lines [& 14 Across]
35. **Geometry** > Points & Lines
37. **Calculator** > Matrix & Vector > Vector [... Product]
39. **Calculator** > Algebra [... Tools]
41. **Graphs** > Window/Zoom [& 63 Across]
42. **Calculator** > Probability > Distributions [& 64 Across]
44. **Calculator** [& 40 Down]
45. **Calculator** > Matrix & Vector [... Operations]
47. **Calculator** > Matrix & Vector > Norms
49. **Calculator** > Probability > Distributions [& 36 Down]
50. **Calculator** > Matrix & Vector > Norms
51. **Graphs** > Analyse Graph > Analyse Conics
54. **Calculator** > Finance [& 31 Down & 54 Down]
55. **Calculator** > Statistics > List Operations
56. **Geometry** > Points & Lines [& 62 Down]
57. **Graphs** > View [Hide ...]
59. 🖩 - M
60. **Geometry** > Points & Lines
61. **Calculator** > Matrix & Vector > Vector
    [& 23 Across & 38 Down]
63. **Graphs** > Window/Zoom [& 41 Across]
64. **Calculator** > Probability > Distributions [& 42 Across]
65. **Graphs** > Actions

Down

1. **Calculator** > Calculus
2. **Calculator** > Number [& 20 Down]
3. **Graphs** >
4. **Calculator** > Number > Number Tools
5. **Calculator** > Number
6. **Calculator** > Statistics > List Operations
8. **Geometry** > Points & Lines
9. 🖩 - S
10. **Data & Statistics** > Plot Type [& 52 Down]
13. **Notes** > Insert > Comment
14. 🖩
15. **Geometry** > Measurement
17. **Graphs**
20. **Calculator** > Number [& 2 Down]
21. **Graphs** > Analyse Graph > Analyse Conics
24. **Calculator** > Statistics > List Maths [& 30 Down]
25. **Calculator**
27. **Geometry** > Transformation
29. **Calculator** > Statistics [& 12 Across]
30. **Calculator** > Statistics > List Maths [& 24 Down]
31. **Calculator** > Finance [& 54 Across & 54 Down]
36. **Calculator** > Probability > Distributions [& 49 Across]
38. **Calculator** > Matrix & Vector > Vector
    [& 23 Across & 61 Across]
40. **Calculator** [& 44 Across]
43. **Geometry** > Construction
46. **Calculator** > Statistics > List Operations
48. **Calculator** > Statistics > List Maths
52. **Data & Statistics** > Plot Type [& 10 Down]
53. 🖩 - N
54. **Calculator** > Finance [& 54 Across & 31 Down]
58. **Graphs** > Actions [Hide/...]
62. **Geometry** > Points & Lines [& 56 Across]

*   These questions assume the calculator language has been set to English (UK). The language setting changes some words, such as "Maths" (UK) compared with "Math" (US) and commands, such as "Highest Common Factor" (UK) for "Greatest Common Divisor" (US). The language setting can be changed from the home screen (Option 5).

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TEXAS INSTRUMENTS