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, Notes and 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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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]
48. 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

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).

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]
39. Notes > Insert [& 8 Across] *
39. Graphs > Geometry > Measure
40. Calculator [& 44 Across]
43. Geometry > Measure
46. Calculator > Statistics > List Operations
47. Calculator > Statistics > List Maths
52. Data & Statistics > Plot Type [& 10 Down]
53. - N
54. Calculator > Finance [& 54 Across & 31 Down]
58. Graphs > View [Hide/...]
62. Geometry > Points & Lines [& 56 Across]
Nspired NC - Crossword

1 SLOPE  2 L  3 T  4 S  5 F  6 S  7 SHAPES  8 S  10 P
11 COORDINATES  12 MATHS  13 CAGCOE  14 CIRCLE  15 E
16 CONSTRUCTION  17 E  18 RADIUS  19 STRING  20 FORNA
21 C  22 OR  23 CONVERT  24 C
25 G  26 GEOMETRY  27 ANGLE  28 E  29 AHA
30 RNOCL  31 B  32 STATISTICS  33 ARCSIN  34 ARC
35 TANGENT  36 D  37 DOT  38 POLYNOMIAL  39 T
40 MIAL  41 E  42 INORMAL  43 A  44 U
45 VECNOEMLEY  46 S  47 M  48 N  49 PDF  50 ROW
51 FOC  52 I  53 NDATES  54 MID  55 POINT  56 HAXES
57 T  58 S  60 RAY  61 POLAR  62 ZOOM  63 W
64 CDFTNT  65 TEX