TI-nspire CX II T Crossword

Teachers Teaching with Technology™
Professional Development from Texas Instruments

Teacher Answers

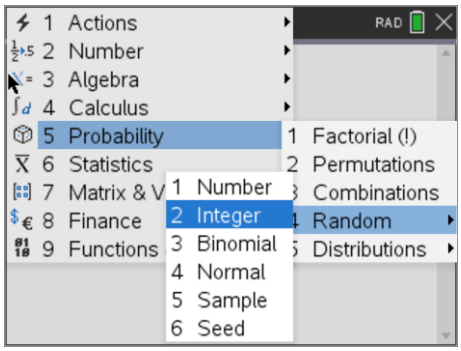
7 8 9 **10** **11** 12

TI-Nspire | How To | Student | 30 min

Introduction

The purpose of this activity is to become more familiar with the menus within the TI-Nspire CX II T. Clues for the crossword refer to the **application** and menu location where the answer can be found. The the number of characters available for the answer is supplied in the clue (#). Compare this information with the commands available in the specified menu.

Example 1



Clue: Calculator > Probability > Random (6)

The first part of the clue identifies the application:

Calculator

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

Calculator > **Probability**

The third part of the clue is the second menu selection:

Calculator > Probability > **Random**

The final part of the clue refers to the number of letters.

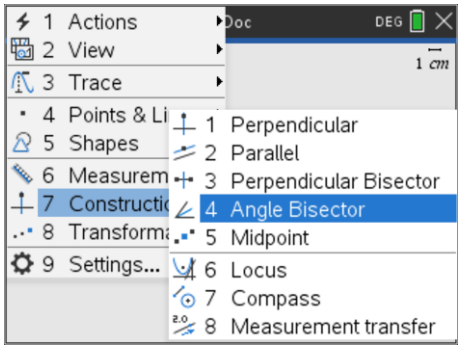
Calculator > Probability > Random **(6)**

There are three options here:

Number, Normal or Sample.

You need more information about some of the other letters before answering this question.

Example 2



Clue: Geometry > Construction [& 5 Across] (5, 8)

The first part of the clue identifies the application:

Geometry

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

Construction

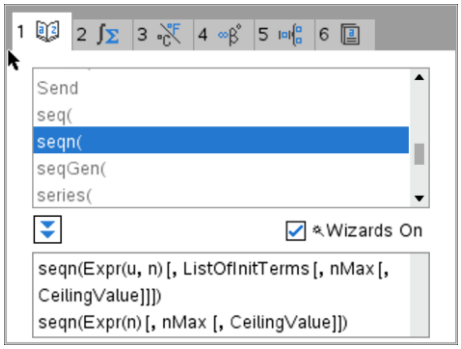
The third part of the clue means the required menu selection contains more than one word. In this case one of the words is also cited for '5 Across'.

In the fourth part of the clue (5, 8) says the two words have 5 and 8 letters, the 5 is underlined, so this clue aligns the 5 letter word.

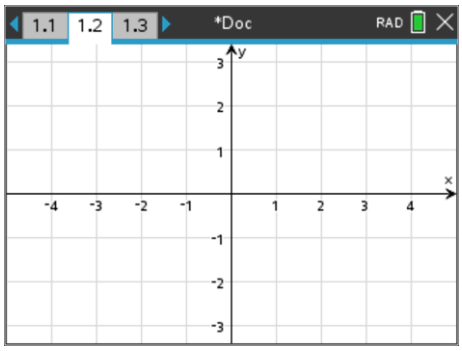
Author: P. Fox

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.

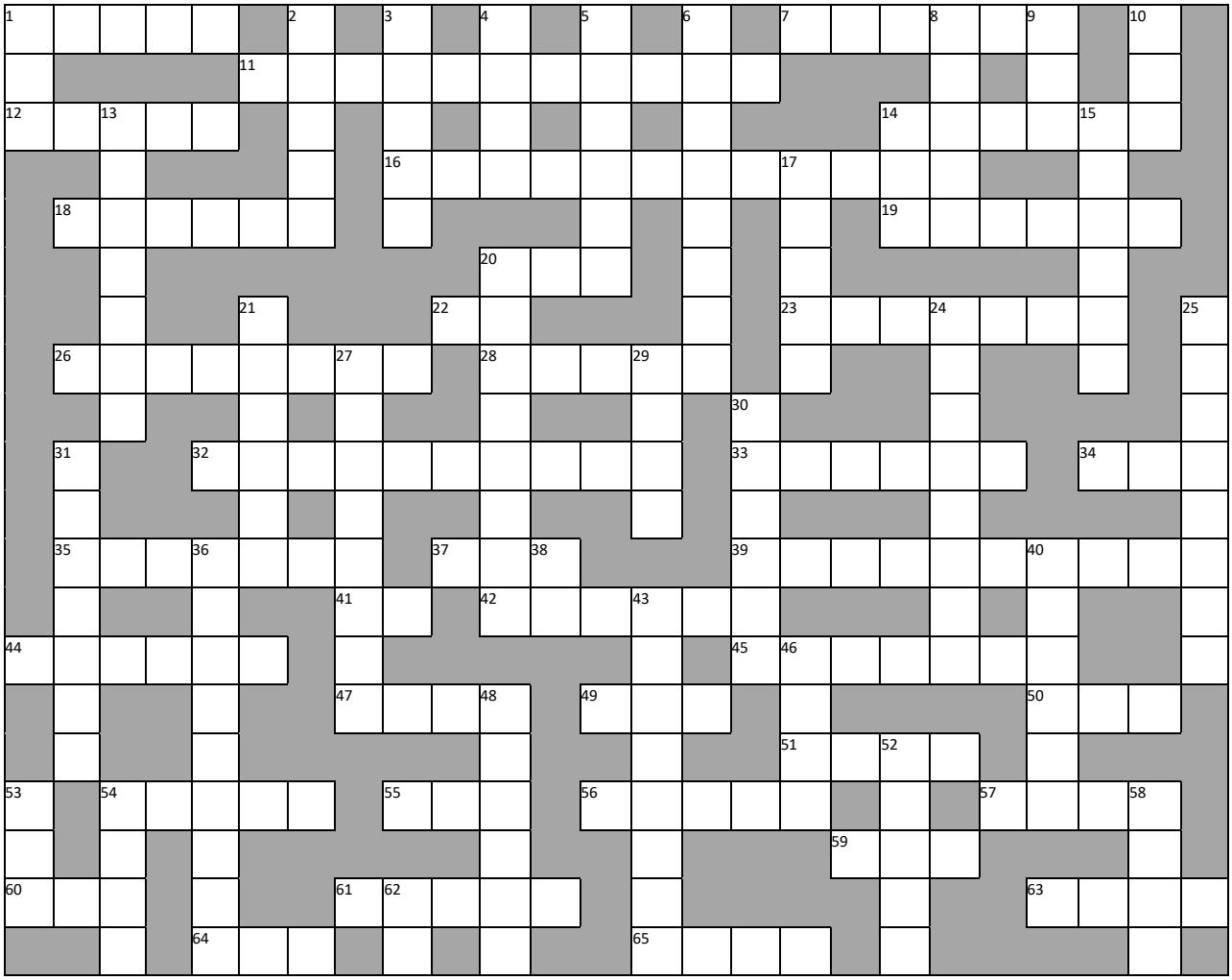


Navigation:

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 (5)
7. **Geometry** > (6)
11. **Graphs** > Actions [___ and Equations] (11)
12. **Calculator** > Statistics [& 29 Down] (4, 5)
14. **Geometry** > Points & Lines [& 34 Across] (6, 3)
16. **Geometry** (12)
18. **Graphs** > Analyse Graph > Analyse Conics (6)
19. [ ] > S (6)
20. **Calculator** > Functions & Programs > Control […Endfor] (3)
22. [ ] > O (2)
23. **Calculator** > Matrix & Vector > Vector [& 38 Down & 61 Across] (7, 2, 5)
26. **Graphs** (8)
28. **Geometry** > Measurement (5)
32. **Calculator** (10)
33. [ ] > A (6)
34. **Geometry** > Points & Lines [& 14 Across] (6, 3)
35. **Geometry** > Points & Lines (7)
37. **Calculator** > Matrix & Vector > Vector […Product] (3)
39. **Calculator** > Algebra [… Tools] (10)
41. **Graphs** > Window/Zoom [& 63 Across] (4 ,2)
42. **Calculator** > Probability > Distributions [& 64 Across] (6, 3)
44. **Calculator** [& 40 Down] (6, 6)
45. **Calculator** > Matrix & Vector [… Operations] (7, 10)
47. **Calculator** > Matrix & Vector > Norms (4)
49. **Calculator** > Probability > Distributions [& 36 Down] (9, 3)
50. **Calculator** > Matrix & Vector > Norms (3)
51. **Graphs** > Analyse Graph > Analyse Conics (4)
54. **Calculator** > Finance [& 31 Down & 54 Down](4,7,5)
55. **Calculator** > Statistics > List Operations (3)
56. **Geometry** > Points & Lines [& 62 Down] (5)
57. **Graphs** > View [Hide …] (4)
59. [ ] > M (3)
60. **Geometry** > Points & Lines (3)
61. **Calculator** > Matrix & Vector > Vector [& 23 Across & 38 Down] (7, 2, 5)
63. **Graphs** > Window/Zoom [& 41 Across] (4, 2)
64. **Calculator** > Probability > Distributions [& 42 Across] (6, 3)
65. **Graphs** > Actions (4)

Down

1. **Calculator** > Calculus (3)
2. **Calculator** > Number [& 20 Down] (8, 5)
3. **Graphs** (5)
4. **Calculator** > Number > Number Tools (4)
5. **Calculator** > Number (6)
6. **Calculator** > Statistics > List Operations (8)
8. **Geometry** > Points & Lines (5)
9. [trig] (3)
10. **Data & Statistics** > Plot Type [& 52 Down] (3, 5)
13. **Notes** > Insert > Comment (7)
14. [trig] (3)
15. **Geometry** > Measurement (6)
17. **Graphs** (5)
20. **Calculator** > Number [& 2 Down] (8, 5)
21. **Graphs** > Analyse Graph > Analyse Conics* (5)
24. **Calculator** > Statistics > List Maths [& 30 Down] (6, 8)
25. **Calculator** (8)
27. **Geometry** > Transformation (8)
29. **Calculator** > Statistics [& 12 Across] (4, 5)
30. **Calculator** > Statistics > List Maths [& 24 Down] (6, 8)
31. **Calculator** > Finance [& 54 Across & 54 Down] (4, 7, 5)
36. **Calculator** > Probability > Distributions [& 49 Across] (9, 3)
38. **Calculator** > Matrix & Vector > Vector [& 23 Across & 61 Across] (7, 2, 5)
40. **Calculator** [& 44 Across] (6, 6)
43. **Geometry** > Construction (8)
46. **Calculator** > Statistics > List Operations (4)
48. **Calculator** > Statistics > List Maths (6)
52. **Data & Statistics** > Plot Type [& 10 Down] (3, 5)
53. [ ] > N (3)
54. **Calculator** > Finance [& 54 Across & 31 Down] (4, 7, 5)
58. **Graphs** > Actions [Hide/…] (4)
62. **Geometry** > Points & Lines [& 56 Across] (2)

* 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).

Note: Some answers have more than one option, for example Geometric CDF & Geometric PDF.

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