

## Default Format      " :      \_ 1 \_      Format

<p>Default output is identical to this monadic case, providing a minimum of one space between columns. For example:</p> <pre> ]text=: ": i. 2 5 0 1 2 3 4 5 6 7 8 9  \$ text 2 9  3 + text  domain error   3 +text  ' *#' ,. text *0 1 2 3 4 #5 6 7 8 9  ": 'abcd' abcd  \$ ": '' 0 </pre>	<p><math>x":y</math> produces a literal representation of <math>y</math> in a format specified by <math>x</math>. Each element of <math>x</math> is a complex number <math>w j. d</math>, controlling the representation of the corresponding column of <math>y</math> as follows:</p> <p><math> w</math> specifies the width allocated; if this space is inadequate, the entire space is filled with asterisks. If <math>w</math> is zero, enough space is allocated.</p> <p><math> d</math> specifies the number of digits following the decimal point (itself included only if <math>d</math> is not zero).</p> <p>Any negative sign is placed just before the leading digit. If <math>w&gt;0</math> and <math>d&gt;0</math>, the result is right-justified in the space. Otherwise (if <math>w&lt;0</math> or <math>d&lt;0</math>), the result is put in exponential form (with one digit before the decimal point) and is left-justified except for two fixed spaces on the left (including one for a possible negative sign).</p> <p>The format <math>w+d\%10</math> (or its negation) is obsolescent; e.g. <math>_7.2</math> instead of <math>_7j2</math>.</p> <p>See below for boxed arguments.</p>
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```

n ; 6j2 ": n=: % i. 2 4
+-----+
| 1      0.5 0.333333 | 1.00 0.50 0.33 |
| 0.25 0.2 0.166667 0.142857 | 0.25 0.20 0.17 0.14 |
+-----+

(7j2 ": -n) ; (3j2 ": n)
+-----+
| _1.00 _0.50 _0.33 | _***** |
| _0.25 _0.20 _0.17 _0.14 | ***** |
+-----+

```

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```
6j3 0j_6 " : 1r2 ^ 1 1000 *"1 i.5 2
1.000 9.332636e_302
0.250 8.128549e_904
0.063 7.079811e_1506
0.016 6.166381e_2108
0.004 5.370801e_2710
```

The fit conjunction and 9!:10 specify the number of digits for floating-point numbers. For example:

```
( " : ; " :!.6 ; " :!.4 ; " :!.15 ) %7
+-----+
|0.142857|0.142857|0.1429|0.142857142857143|
+-----+
```

For a boxed right argument, a two-element left argument specifies position in the display, using 0, 1, and 2 for top/center/bottom, and left/center/right. See 9!:15 and 9!:16 for default displays. Moreover, a third element selects the box-drawing characters used. See 9!:6 and 9!:7.

```
x=: 2 3 $ (2 #&.> 1+i.6) $&.> 'abcdef'
(" : x) ,. (2 1 " : x)
+-----+
| a | bb | ccc | | a | bb | ccc |
|   | bb | ccc | |   | bb | ccc |
|   |   | ccc | |   |   | ccc |
+-----+
| dddd | eeeee | fffffff | |   | eeeee | fffffff |
| dddd | eeeee | fffffff | | dddd | eeeee | fffffff |
| dddd | eeeee | fffffff | | dddd | eeeee | fffffff |
| dddd | eeeee | fffffff | | dddd | eeeee | fffffff |
+-----+
```