

# Base Two                      # .    1 1 1                      Base

<pre>#.y is the base-2 value of y, that is, 2#.y. For example:     #. 1 0 1 0 10     #. 2 3\$ 0 0 1,1 0 1 1 5</pre>	<pre>x#.y is a weighted sum of the items of y; that is, +/w*y, where w is the product scan */\}.x,1. An atomic argument is reshaped to the shape of the other argument.</pre>
---	---

```

]a=: i. 3 4
0 1 2 3
4 5 6 7
8 9 10 11

10 #.a
123 4567 9011

8 #. a
83 2423 4763

]time=: 0 1 3,1 1 3,:2 4 6
0 1 3
1 1 3
2 4 6

x=: 24 60 60
x #. time
63 3663 7446

x,1
24 60 60 1

]w=: */\}.x,1
3600 60 1

w *"1 time
0 60 3
3600 60 3
7200 240 6
```

Continued

Base Two

# . 1 1 1

Base

Continued

```

+/"1 w *"1 time
63 3663 7446

```

```

w +/@"* "1 time
63 3663 7446

```

```

c=: 3 1 4 2 [ y=: 0 1 2 3 4 5
c p. y          Polynomial with coefficients c
3 10 37 96 199 358

```

```

y #."0 1 |.c
3 10 37 96 199 358

```