Brain Decathlon 2026/02/11 Answer

π=3.1415926535 8979323846 2643383279 5028841971 6939937510
5820974944 5923078164 0628620899 8628034825 3421170679
8214808651 3282306647 0938446095 5058223172 5359408128
4811174502 8410270193 8521105559 6446229489 5493038196
4428810975 6659334461 2847564823 3786783165 2712019091
4564856692 3460348610 4543266482 1339360726 0249141273
7245870066 0631558817 4881520920 9628292540 9171536436
7892590360 0113305305 4882046652 1384146951 9415116094
3305727036 5759591953 0921861173 8193261179 3105118548
0744623799 6274956735 1885752724 8912279381 8301194912

$64 / 8 = 8$

$2 + 6 - 3 \times 1 = 5$
$2 + 6 - 3 - 1 = 4$
$2 + 6 \div 3 - 1 = 3$
$2 \div 6 \times 3 + 1 = 2$
$2 - 6 \div 3 + 1 = 1$
$2 - 6 + 3 + 1 = 0$

```
      2 0 4
  ×     1 2
  ---------
      4 0 8
    2 0 4
  ---------
    2 4 4 8
```

Grid (with clues):
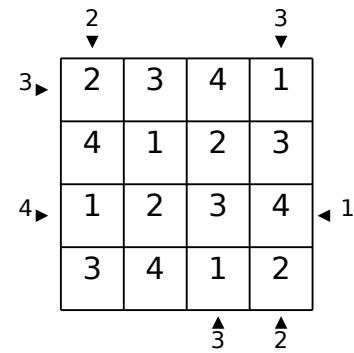
²1	¹³3	2	4
2	1	4	¹⁸3
⁷3	4	1	2
⁶4	2	3	1

Skyscraper grid:

	2▼		3▼	
3▶	2	3	4	1
	4	1	2	3
4▶	1	2	3	4	◀1
	3	4	1	2
		▲3	▲2	

6×6 grid:

6	4	3	1	2	5
2	1	5	4	6	3
5	6	1	2	3	4
3	2	4	6	5	1
4	5	2	3	1	6
1	3	6	5	4	2

Shape equations:

$3 - 4 \times 6 = -21$
$\div \quad - \quad \times$
$3 \times 6 \div 1 = 18$
$\times \quad \times \quad \times$
$4 - 7 \div 7 = 3$
$= \quad\quad = \quad\quad =$
$4 \quad\quad -38 \quad\quad 42$

Number grid (column sums: 15 18 6 20 11 10):

	15	18	6	20	11	10
18	(1)	(9)	4	(8)	9	7
26	2	(9)	1	(4)	(7)	(6)
6	4	3	(2)	2	5	(4)
15	(7)	1	4	(8)	6	1
5	(1)	5	(4)	1	9	1
10	(6)	5	2	3	(4)	5