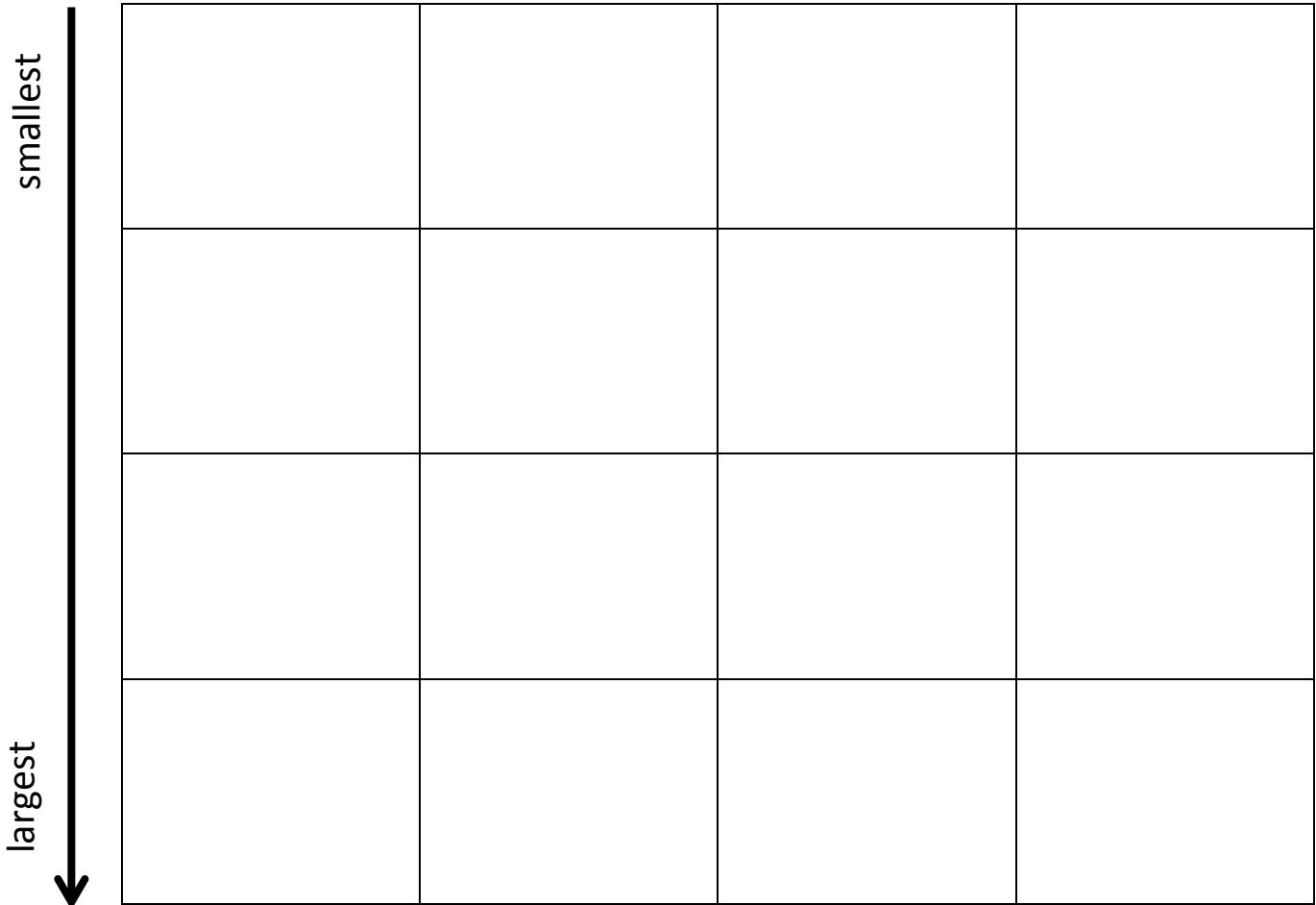# Bronze

smallest   largest

→

Put these decimals in to the grid above so that each row and column is in ascending order (from smallest to biggest):

0.32, 0.14, 0.06, 0.71, 0.3, 0.8, 0.405, 0.02, 0.29, 0.6, 0.11, 0.72, 0.04, 0.722, 0.4, 0.26
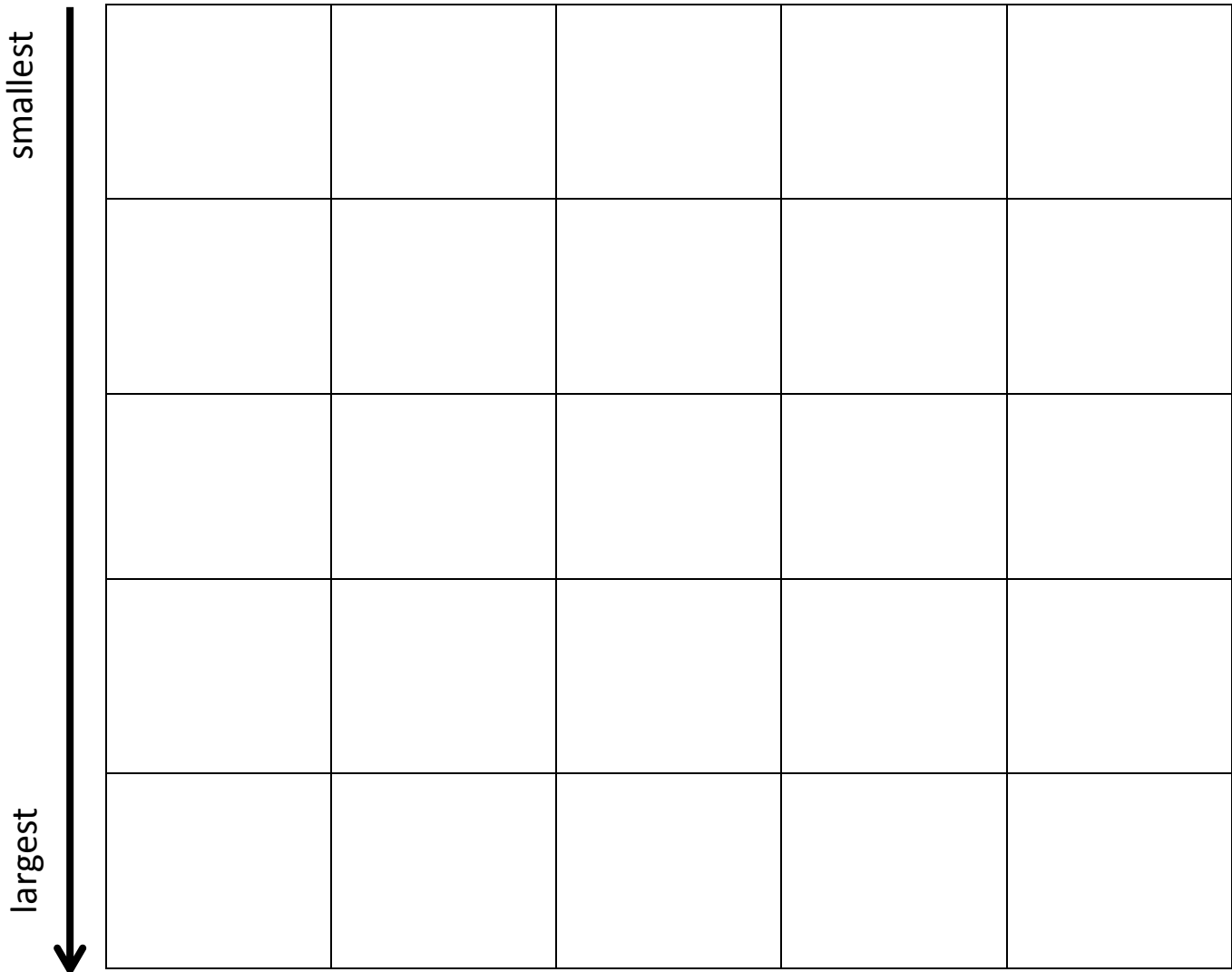
A possible solution...

0.02	0.06	0.14	0.29
0.04	0.11	0.26	0.3
0.32	0.4	0.405	0.6
0.71	0.72	0.722	0.8

There are many correct solutions. However, 0.02 must always go in to the top left corner, and 0.8 must always go in the bottom right corner.

Silver

smallest

largest

Put these decimals in to the grid above so that each row and column is in ascending order (from smallest to biggest):

0.909, 1.45, 0.28, 0.1, 1.54, 0.4, 0.09,

0.56, 1.98, 0.154, 0.301, 0.7, 2, 0.5682,

0.99, 0.41, 0.03, 1.1, 1.01, 0.2, 0.8, 0.91,

1.918, 0.5, 0.15

A possible solution…

0.03	0.09	0.1	0.15	0.154
0.2	0.28	0.301	0.4	0.41
0.5	0.56	0.5682	0.7	0.8
0.909	0.91	0.99	1.01	1.1
1.45	1.54	1.918	1.98	2

There are many correct solutions. However, 0.03 must always go in to the top left corner, and 2 must always go in the bottom right corner.

Gold

smallest   largest

smallest

largest

Put these decimals in to the grid above so that each row and column is in ascending order (from smallest to biggest):

0.08, -0.97, 0.345, 0.77, 0.84, -0.5, -1.82, -0.3, 0.16, 0.704, 0.79, -0.04, -1.002, 0.22, -0.9, -1.602, -1.1, 0.844, 0.473, 0.01, -0.88, -0.635, -0.49, 0.1, 0.48, -0.1, -1.7, 0.28, 0.927, -0.634, -1.08, 0.55, -0.11, 0.81, -1.44, 0.9

A possible solution…

-1.82	-1.7	-1.602	-1.44	-1.1	-1.08
-1.002	-0.97	-0.9	-0.88	-0.635	-0.634
-0.5	-0.49	-0.3	-0.11	-0.1	-0.04
0.01	0.08	0.1	0.16	0.22	0.28
0.345	0.473	0.48	0.55	0.704	0.77
0.79	0.81	0.84	0.844	0.9	0.927

There are many correct solutions. However, -1.82 must always go in to the top left corner, and 0.927 must always go in the bottom right corner.