

$b =$

[1]	[2]	[3]	[4]	[5]
0.1	0.5	0.9	0.3	0.7

$g =$

[1]	[2]	[3]	[4]	[5]
0.8	0.4	0.2	0.6	0.1

$\text{sort}(b) =$

[1]	[4]	[2]	[5]	[3]
0.1	0.3	0.5	0.7	0.9

$\text{sort}(g) =$

[5]	[3]	[2]	[4]	[1]
0.1	0.2	0.4	0.6	0.8

$$\mathbf{b}' =$$

[1]	[2]	[3]	[4]	[5]
0.7	0.5	0.9	0.3	0.1

$$\mathbf{g} =$$

[1]	[2]	[3]	[4]	[5]
0.8	0.4	0.2	0.6	0.1

$$\text{sort}(\mathbf{b}') =$$

[5]	[4]	[2]	[1]	[3]
0.1	0.3	0.5	0.7	0.9

$$\text{sort}(\mathbf{g}) =$$

[5]	[3]	[2]	[4]	[1]
0.1	0.2	0.4	0.6	0.8