

Lone-Divider Method: Example 1

Four players (Abe, Betty, Cory and Dana) are sharing a cake. The cake is divided into four slices x , y , z and w . The table on the right gives the value of each slice in the eyes of each of the players.

	x	y	z	w
Abe	2.83	5.77	3.54	1.86
Betty	4.75	4.75	4.75	4.75
Cory	3.03	2.09	3.26	4.62
Dana	2.21	1.87	2.23	3.69

Determine a fair division using the Lone-Divider Method.

Lone-Divider Method: Example 2

Three players (Paul, Quentin and Rosie) are sharing a cake. The cake is divided into three slices x , y , z . The table on the right gives the value of each slice in the eyes of each of the players.

	x	y	z
Paul	\$2	\$1	\$6
Quentin	\$3	\$3	\$3
Rosie	\$1	\$2	\$9

Determine a fair division using the Lone-Divider Method.