

For the region of interest Γ (shown below) find

n	Function f_n	Value	Area	Remarks
1	Linear function	0.5	1	Function is linear
2	Linear function	0.5	1	Function is linear
3	Linear function	0.5	1	Function is linear
4	Linear function	0.5	1	Function is linear
5	Linear function	0.5	1	Function is linear
6	Linear function	0.5	1	Function is linear
7	Linear function	0.5	1	Function is linear
8	Linear function	0.5	1	Function is linear
9	Linear function	0.5	1	Function is linear
10	Linear function	0.5	1	Function is linear
11	Linear function	0.5	1	Function is linear
12	Linear function	0.5	1	Function is linear
13	Linear function	0.5	1	Function is linear
14	Linear function	0.5	1	Function is linear
15	Linear function	0.5	1	Function is linear
16	Linear function	0.5	1	Function is linear
17	Linear function	0.5	1	Function is linear
18	Linear function	0.5	1	Function is linear
19	Linear function	0.5	1	Function is linear
20	Linear function	0.5	1	Function is linear