

TABLE OF VALUES - ANSWERS

1. $z = f(x, y) = x^2 + y^2$

x\y	-2	-1	0	1	2
-2	8	5	4	5	8
-1	5	2	1	2	5
0	4	1	0	1	4
1	5	2	1	2	5
2	8	5	4	5	8

2. $z = f(x, y) = x^2 - y^2$

x\y	-2	-1	0	1	2
-2	0	3	4	3	0
-1	-3	0	1	0	-3
0	-4	-1	0	-1	-4
1	-3	0	1	0	-3
2	0	3	4	3	0

3. $z = f(x, y) = x + 2y + 3$

x\y	-2	-1	0	1	2
-2	-3	-1	1	3	5
-1	-2	0	2	4	6
0	-1	1	3	5	7
1	0	2	4	6	8
2	1	3	5	7	9

4. $z = f(x, y) = x^2$

x\y	-2	-1	0	1	2
-2	4	4	4	4	4
-1	1	1	1	1	1
0	0	0	0	0	0
1	1	1	1	1	1
2	4	4	4	4	4

5. $z = f(x, y) = |x| + |y|$

x\y	-2	-1	0	1	2
-2	4	3	2	3	4
-1	3	2	1	2	3
0	2	1	0	1	2
1	3	2	1	2	3
2	4	3	2	3	4

6. $z = f(x, y) = xy$

x\y	-2	-1	0	1	2
-2	4	2	0	-2	-4
-1	2	1	0	-1	-2
0	0	0	0	0	0
1	-2	-1	0	1	2
2	-4	-2	0	2	4