LEVEL CURVES 3 - ANSWERS

Identify by letter the level curve graph that corresponds to each of the following functions.

1. $z = |x| + |y|$ b

2. $z = \ln\left(x^2 + y^2\right)$ h

3. $z = x \cdot y$ d

4. $z = x^2 + y^2$ f
5. $z = -2x + y + 1$ l

6. $z = x^2$ g

7. $z = \sin(x) + \cos(y)$ k

8. $z = \sqrt{x^2 + y^2}$ i
9. $z = -2x - y + 1$ e

10. $z = x^2 - y^2$ a

11. $z = 2x + y + 1$ c
12. $z = x$ j

LEVELCURVES

a.

b.

c.

d.

e.

f.

g.

h.

i.

j.

k.

l.