

### 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.  $z = \ln(x^2 + y^2)$                       **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

