

Definiční obor:

$$a) \quad z = \ln(y-x) + \ln(x+y)$$

$$b) \quad z = \sqrt{9-x^2-y^2}$$

$$c) \quad z = x \cdot \ln(x-y^2)$$

$$d) \quad z = \arcsin(x^2+y^2-2)$$

$$e) \quad z = \sqrt{16-x^2-4y^2} + \ln x$$

$$f) \quad z = \frac{2}{x-y+1} + \ln(x^2+y^2-16)$$

$$g) \quad z = \sqrt{y-2} + \ln(y-x^2)$$

$$h) \quad z = \sqrt{x-y^2} + \ln(1-x^2-y^2)$$

$$i) \quad z = \sqrt{x \cdot y} - \sqrt{x^2+y^2-9}$$

$$j) \quad z = \sqrt{16-x^2-y^2} - \ln(-3x^2-4y^2+12)$$

$$k) \quad z = \ln(x-2y) + \cancel{\sqrt{x+y}} + \sqrt{-x-y^2}$$

$$l) \quad z = \frac{\ln(x-y)}{\sqrt{x^2+y^2-1}}$$

$$m) \quad z = \arcsin(x-3) + \arccos(y+1)$$

$$n) \quad z = \sqrt{\frac{x^2+y^2-9}{x-y}}$$

RĚŠENÍ

