

Graf for funktion af to variable

Eksempel

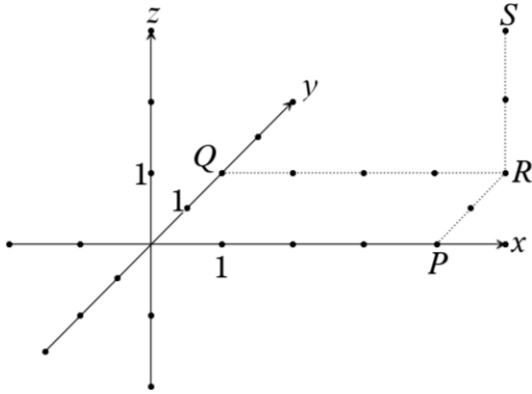
$$f(x, y) = 3x - 4y - 2$$

$$P = (4, 0, 0) \quad Q = (0, 2, 0)$$

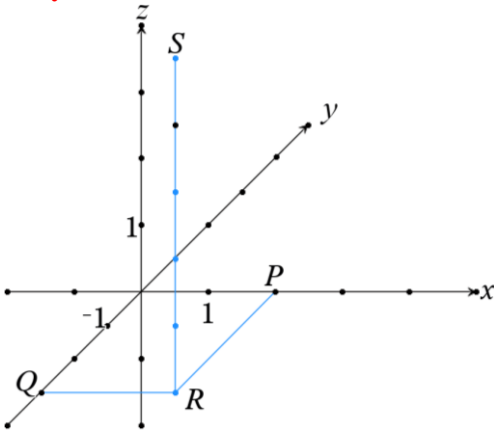
$$R = (4, 2, 0) \quad S = (4, 2, 2)$$

S ligger på grafen for f

$$f(4, 2) = 3 \cdot 4 - 4 \cdot 2 - 2 = 2$$



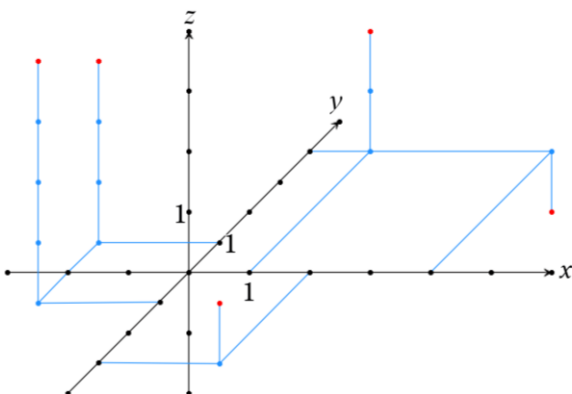
Udfyld:



$$P = (\quad \quad \quad) \quad Q = (\quad \quad \quad)$$

$$R = (\quad \quad \quad) \quad S = (\quad \quad \quad)$$

S ligger på grafen for g . $g(2, -3) =$

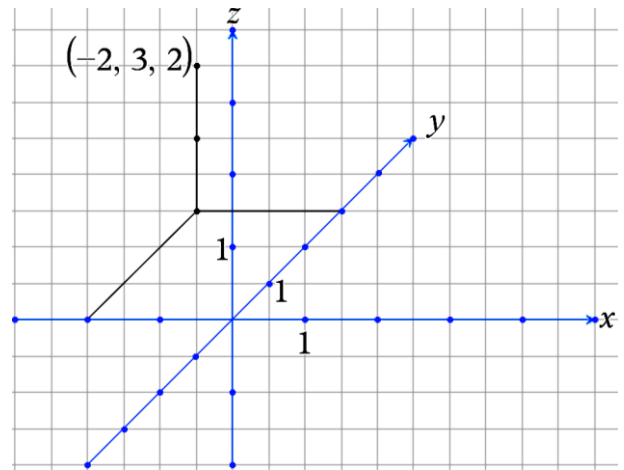


De røde punkter ligger på grafen for h .

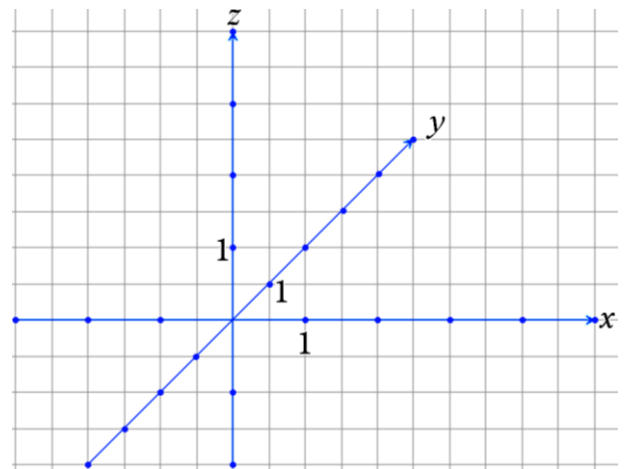
$$h(-2, 1) = \quad \quad h(4, 4) = \quad \quad h(2, -3) =$$

$$h(-2, -1) = \quad \quad h(1, 4) =$$

Eksempel



Udfyld:

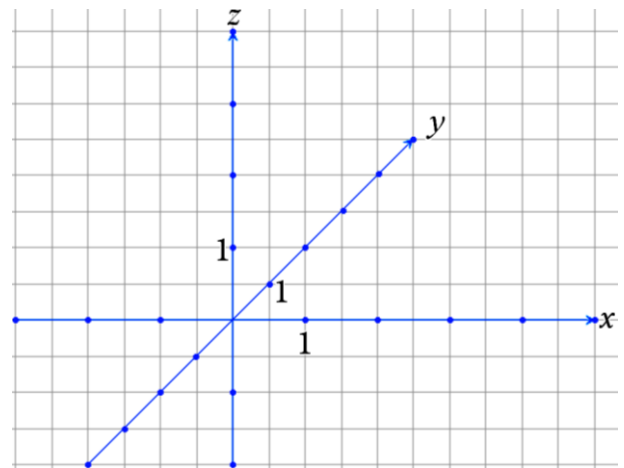


Tegn følgende punkter:

$$A(4, -1, -1)$$

$$B(3, 2, 3)$$

$$C(-1, 3, 2)$$



Tegn følgende punkter:

$$D(2, 4, 1)$$

$$E(-1, -2, 5)$$

$$F(4, -3, 3)$$