

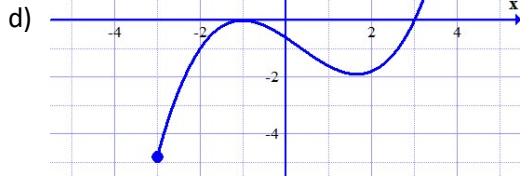
1. For each of the following, state if it represents a **function**, the **domain** and the **range**:

a) $M = \{(4, -1), (3, -2), (4, -3), (5, -4)\}$

b)

x	y
2	3
4	3
5	2
7	1

c) $x^2 + y^2 = 100$



e) $f(x) = 3(x - 2)^2 - 4$

2. If $f(x) = x^2 - 3x$ and $g(x) = 2x - 1$, determine:

a) $f(-5)$

b) x when $f(x) = 28$

c) $f(m + 1)$

d) $f(g(2))$