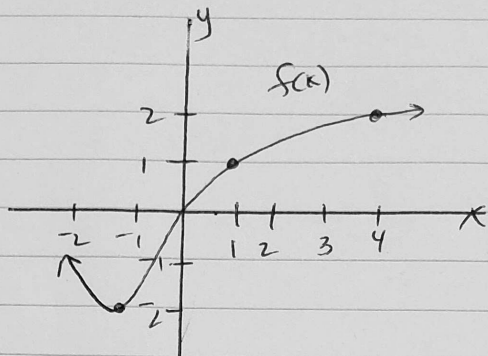


①

Find: $f(1)$ $f(4)$ $f(0)$ $f(-1)$

Domain:

Range:

②

$f(x) = x^2 - 5$

Find $f(2)$

$g(x) = 3x - 1$

 $g(1)$

$h(x) = \sqrt{x}$

 $h(4)$

$g(h(9))$

$f \circ g(2)$

$f \circ g \circ h(1)$

③

State the domain and range:

a) $f(x) = \sqrt{x-2}$

b) $g(x) = \frac{9}{x-3}$

c) $h(x) = |2x-1|$

④

Sketch the following:

a) $f(x) = -\frac{1}{2}(x-3)^2 + 1$

b) $g(x) = \frac{1}{3}|x+1| - 3$

c) $h(x) = \begin{cases} |x+1|, & x \leq -1 \\ \lfloor x \rfloor, & x > -1 \end{cases}$