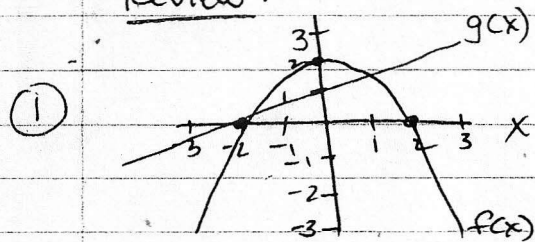


Review: y



$$f(2)$$
$$g(0)$$
$$g \circ f(2)$$

②

$$f(x) = \sqrt{x-2}$$
$$g(x) = \frac{x^2}{2}$$
$$h(x) = x+3$$

$$f(3)$$

$$g(6)$$

$$h(-5)$$

$$f \circ g(2)$$

$$h \circ f(11)$$

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

③

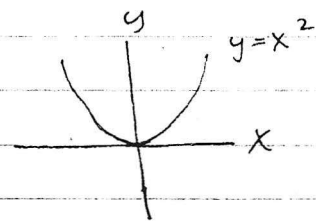
$$f(x) = \frac{5}{x-2}$$

Domain:

Range:

$$g(x) = \frac{3}{\sqrt{x^2-4}}$$

Domain:



④ Sketch:

a)  $y = 2(x-3)^2 + 2$

b)  $y = x^2 - 4x + 2$

c)  $y = -\frac{2}{3}|x-3| + 1$

d)  $y = \sqrt{x+2} - 3$

e)  $y = \begin{cases} |x|, & x \geq -1 \\ -x^2 + 2, & x < -1 \end{cases}$

f)  $y = \lfloor \lfloor x-2 \rfloor \rfloor$

⑤ Find the inverse:

$$f(x) = 3 - 4x$$

$$f(x) = e^x$$