

$$f(x) = \sqrt{x+2} \quad g(x) = \frac{2}{x-1}$$

$$(f \circ g)(x) = \sqrt{\frac{2}{x-1}} + 2$$

$$= \sqrt{\frac{2}{x-1}} \quad 3) \quad Domain \Rightarrow f \circ g$$

$$= \sqrt{\frac{2}{x-1}} \quad 4) \quad \text{Where do all 3}$$

$$= \sqrt{\frac{2}{x-1}} \quad g: \quad \frac{1}{x-1} \quad f \circ g: \quad \frac{1}{$$

