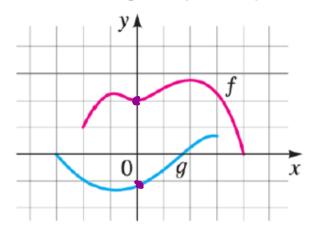
2. Evaluate the given expression. (You can approximate the values from the graphs.)



a. f(g(1))

b. 
$$(fg)(0) = f(0) \cdot g(0)$$
  
c.  $(f+g)(2) = 7 \cdot (-1.1)$ 

$$c. (f+g)(2) = 7 \cdot (-1, 1) = -2.7$$

$$\int_{d}^{d} \frac{f(x)}{g(4)} f(x) + g(x)$$

$$=\frac{f(4)}{g(4)}=\frac{2.75+.25=3}{\text{und}}$$

b. 
$$y = f\left(\frac{x}{2}\right)$$

h. scally by  $\leq$ 

$$\left[-2, 5\right] \longrightarrow \left[-4, 10\right]$$

6. Find domain and range of 
$$g \circ f$$
.

Define  $X \subseteq R$ 

Reg.:  $Y \ge -1$ 
 $-X \ge -4$ 
 $(4 - X + 1)^2 - 1 \ge 0$ 
 $(4 - X \ge 0)$ 

b. 
$$f/g$$

$$D_f: x \le 4 \quad D_g: x \in \mathbb{R}$$

$$D_f \cap D_g \cap g \neq 0$$

$$(x \le 4) \cap (x \neq 0, -2)$$

