$$f(a,b) = 2(ab)$$
  $g(a,b) = 2(a/b)$  
$$\mathbb{Z} \times \mathbb{Z}$$
 
$$\mathbb{Z} \times \mathbb{Z} \xrightarrow{a/b} \mathbb{R} \oplus \text{Error}$$
  $2 \cdot$