

2 You are given that

$$f(x) = \frac{3}{x} \quad \text{on the domain } \{x : x \in \mathbb{R}, x \neq 0\}$$

$$g(x) = x - 1 \quad \text{on the domain } \{x : x \in \mathbb{R}\}.$$

Find $gf(x)$. You must state the domain.

[2]