Questions

Let $f(x) = x^2$ and $g(x) = x - 1$.

1. Find the range of f and g, assuming the domain for both is $\mathbb{R}$.
2. Find the range of f and g, assuming the domain for both is $[-2, \infty[$.
3. Find the value of each of the functions below when $x = 4$.
    a) $f \circ g$
    b) $g \circ f$
4. Find the range of each of the functions in Question 3.