The domain is all values that g is allowed to be. Since I can't divide by zero (division by zero isn't allowed, I need to find all values of g that would cause division by zero.

The domain will then be all other g-values. When is this denominator equal to zero?

 $g=\pm 2$  then the domain of j is  $\{g \mid g \neq 2 \text{ or } -2\}$ 

 $q^2 - 4 = 0$