$v^2 - 1 = 0$ 

Since I can't divide by zero (division by zero isn't allowed, I need to find all values of v that would cause division by zero.

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

 $v=\pm 1$  then the domain of s is  $\{v \mid v 
eq 1$  or  $-1\}$ 

## The domain is all values that v is allowed to be.