

3.

The domain is all values that  $t$  is allowed to be.

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

The domain will then be all other  $t$ -values.

When is this denominator equal to zero?

$$t^2 - 10t + 9 = 0$$

$t = 1$  or  $9$  then the domain of  $v$  is  $\{t \mid t \neq 1 \text{ or } 9\}$