

1.

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

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?

$$v^2 - 14v + 45 = 0$$

$v = 5$  or  $9$  then the domain of  $n$  is  $\{v \mid v \neq 5 \text{ or } 9\}$