4.

The domain is all values that n is allowed to be.
Since I can't divide by zero (division by zero isn't allowed,
I need to find all values of n that would cause division by zero.
The domain will then be all other n-values.
 When is this denominator equal to zero?
$n^2 - 25 = 0$
$n = \pm 5$ then the domain of v is $\{n \mid n \neq 5 \text{ or } -5\}$