2.

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?

$v^2 - 4v + 3 = 0$

$v = 3$ or 1 then the domain of p is $\{v \mid v \neq 3 \text{ or } 1\}$