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?

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

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