3.

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?

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

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