4.

The domain is all values that x is allowed to be.
Since I can't divide by zero (division by zero isn't allowed,
I need to find all values of x that would cause division by zero.
The domain will then be all other x-values.
 When is this denominator equal to zero?

$x^2 - 7x + 12 = 0$

x=3 or 4 then the domain of e is $\{x \mid x \neq 3 \text{ or } 4\}$