4.

The domain is all values that j is allowed to be.
Since I can't divide by zero (division by zero isn't allowed,
I need to find all values of j that would cause division by zero.
The domain will then be all other j-values.
 When is this denominator equal to zero?
$j^2 - 9 = 0$
$j = \pm 3$ then the domain of q is $\{j \mid j \neq 3 \text{ or } -3\}$