3.

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

$q^2 - 9q + 20 = 0$

$q = 5$ or 4 then the domain of b is $\{q \mid q \neq 5 \text{ or } 4\}$