

4.

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?

$$q^2 - 17q + 16 = 0$$

$q = 1$  or  $16$  then the domain of  $s$  is  $\{q \mid q \neq 1 \text{ or } 16\}$