

1.

The domain is all values that  $a$  is allowed to be.

Since I can't divide by zero (division by zero isn't allowed,  
I need to find all values of  $a$  that would cause division by zero.

The domain will then be all other  $a$ -values.

When is this denominator equal to zero?

$$a^2 - 6a + 5 = 0$$

$a = 5$  or  $1$  then the domain of  $v$  is  $\{a \mid a \neq 5 \text{ or } 1\}$