

5.

The domain is all values that u is allowed to be.

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

The domain will then be all other u -values.

When is this denominator equal to zero?

$$u^2 - 25 = 0$$

$u = \pm 5$ then the domain of h is $\{u \mid u \neq 5 \text{ or } -5\}$