

5.

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

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

The domain will then be all other y -values.

When is this denominator equal to zero?

$$y^2 - 16 = 0$$

$y = \pm 4$ then the domain of p is $\{y \mid y \neq 4 \text{ or } -4\}$