## The domain is all values that z is allowed to be. Since I can't divide by zero (division by zero isn't allowed,

I need to find all values of z that would cause division by zero.

 $2\ z^4+25=0$  impossible , then the domain of v is  $(-\infty,\infty)$  i.e.  $z\in\mathbb{R}$ 

The domain will then be all other z-values. When is this denominator equal to zero?