2.

The domain is all values that i is allowed to be.
Since I can't divide by zero (division by zero isn't allowed,
I need to find all values of i that would cause division by zero.
The domain will then be all other i-values.
When is this denominator equal to zero?
$4\,i^4+25=0$
impossible , then the domain of p is $(-\infty,\infty)$ i.e. $i\in\mathbb{R}$