The domain is all values that f is allowed to be. Since I can't divide by zero (division by zero isn't allowed, I need to find all values of f that would cause division by zero.

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

impossible , then the domain of h is  $(-\infty,\infty)$  i.e.  $f\in\mathbb{R}$ 

 $3 f^4 + 1 = 0$