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

- When is this denominator equal to zero? $3 w^4 + 9 = 0$
- impossible , then the domain of t is $(-\infty,\infty)$ i.e. $w \in \mathbb{R}$