Entropy for Word Prediction

Is word **W** present (or absent) in this segment?

1) W = "meat"   2) W = "the"   3) W = "unicorn"

Which is **high/low**? **H(X_{meat}), H(X_{the}), or H($X_{unicorn}$)?**

H(X_{the})≈0 → **no uncertainty since p(X_{the}=1) ≈ 1**

High entropy words are harder to predict!