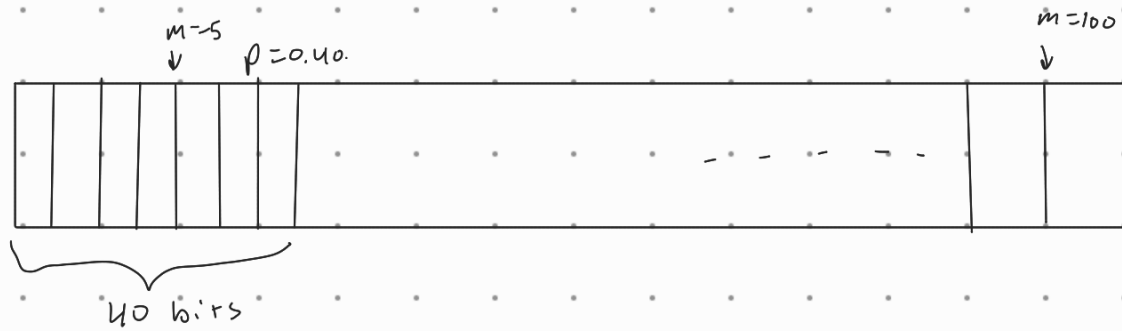


Kelly Williams

## Problem 8



$$P(1 \text{ bit}) = \frac{40}{100} = 0.4 = 40\%$$

$$P(5 \text{ bits}) = \left(\frac{40}{100}\right)^5 = \boxed{1.024\%}$$