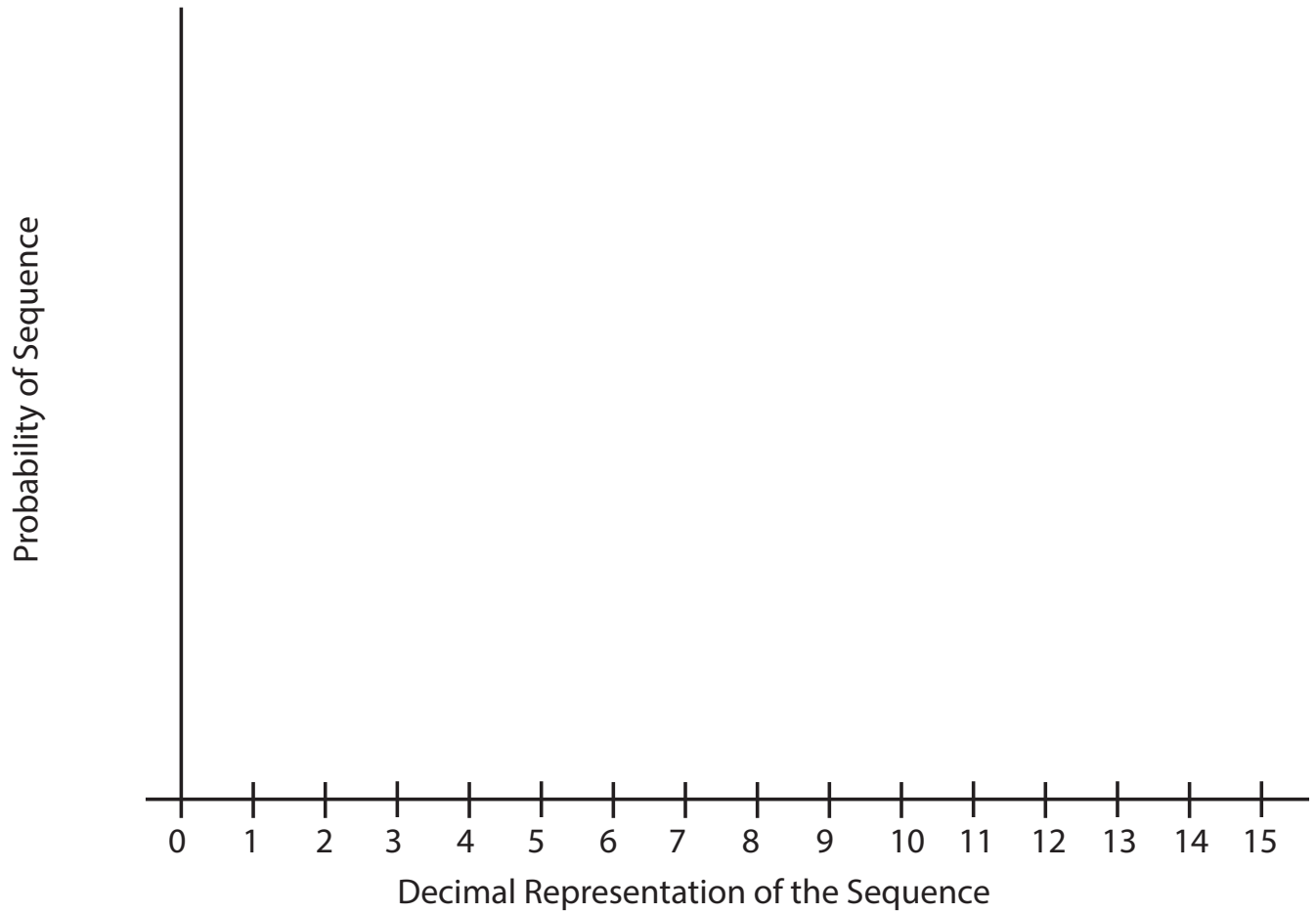




- (b) (15 points) On the axes below, draw the probability mass function for the sequences of unfair coin flips. The x-axis should have the decimal representation of each sequence. The y-axis should have the probability of the sequence.



- (c) (5 points) The typical set is the set of events that is approximately uniformly distributed. Circle the typical set on the graph above.