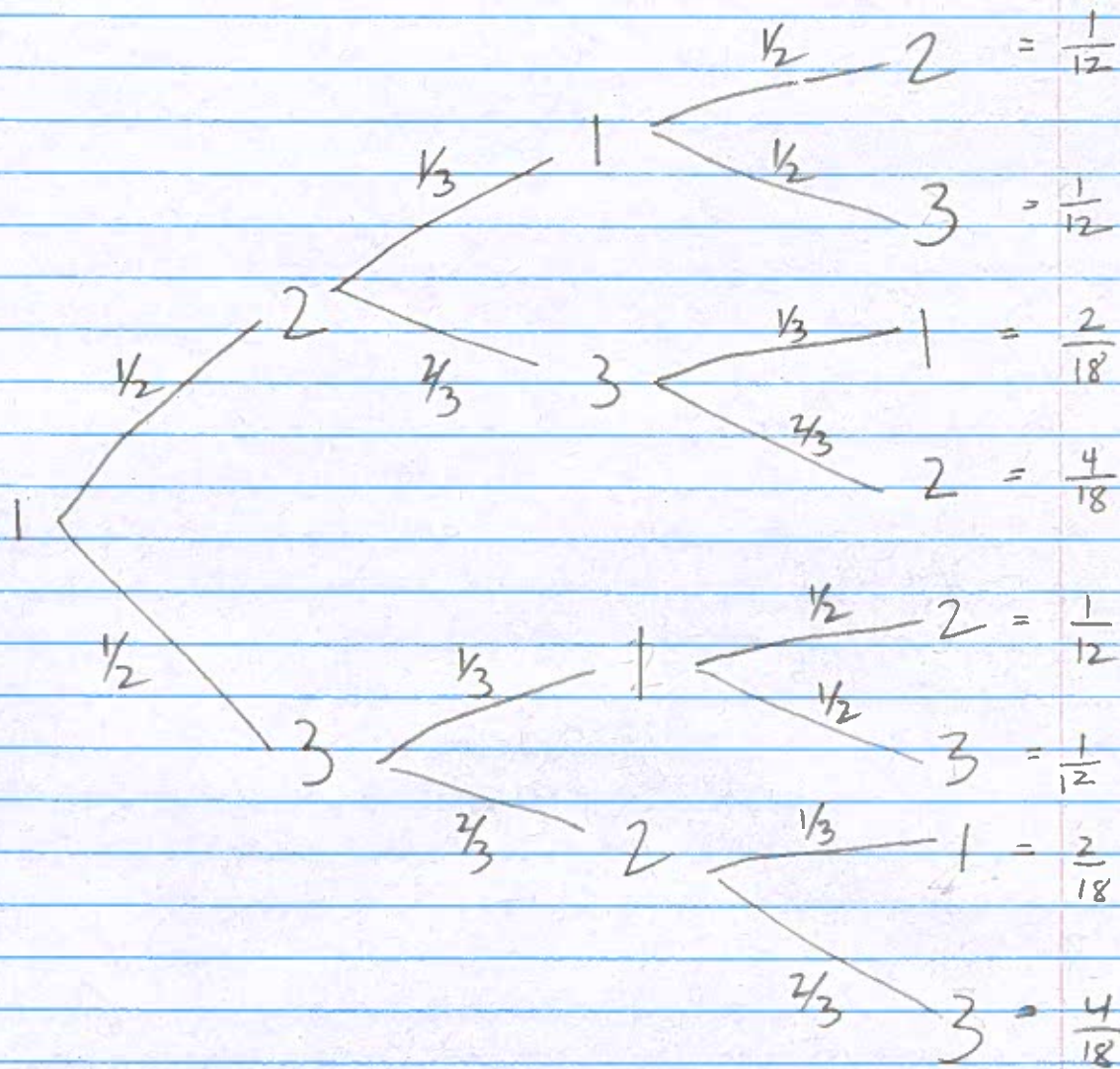


# 1.2 Probability Trees

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a) 
$$P(R) = \frac{1}{12} + \frac{1}{12} + \frac{4}{18}$$

$$= \frac{7}{18}$$

c) I think this should be  $P(T) = 0$ .

b) 
$$P(A) = 1 - P(\text{doesn't visit})$$

$$= 1 - \frac{1}{12}$$

$$= \frac{11}{12}$$

They aren't counting the starting point; their error.