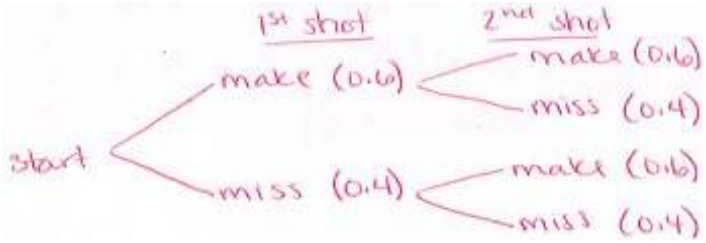
****All tree diagrams below are not complete. Each tree should have a list of outcomes with work!!****

1. a.

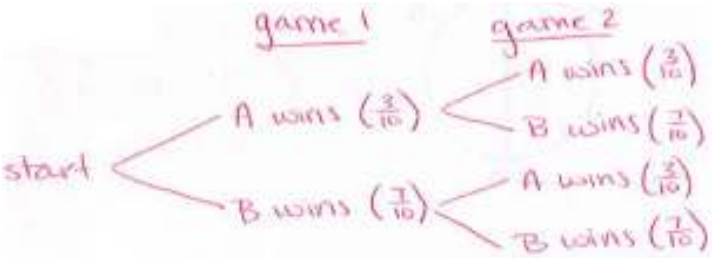


b. $P(\text{make both}) = 36\%$

c. $P(\text{miss both}) = 16\%$

d. $P(\text{make one}) = 48\%$

2. a.



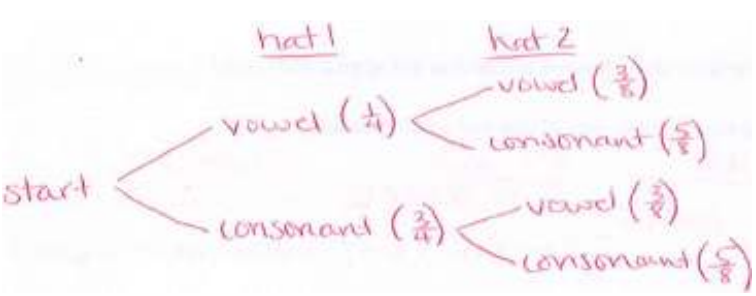
b. $P(\text{team B winning any game}) = \frac{7}{10}$

c. $P(\text{A wins } 1^{st} \text{ and B wins } 2^{nd}) = 21\%$

d. $P(\text{team A wins both games}) = 9\%$

e. $P(\text{A wins at least one game}) = 51\%$

3. a.

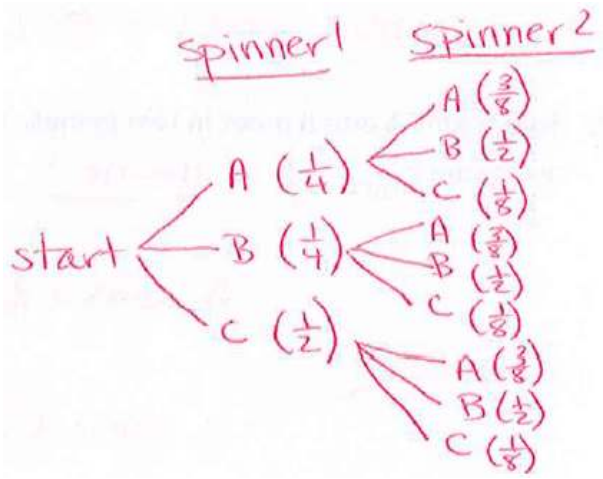


b. $P(\text{2 vowels}) = \frac{3}{32}$ or 9.375%

c. $P(\text{2 consonants}) = \frac{15}{32}$ or 46.875%

d. $P(\text{1 vowel and 1 consonant}) = \frac{7}{16}$ or 43.75%

4. a.



b. $P(\text{spin at least one C}) = \frac{9}{16}$ or 56.25%

c. $P(\text{spin a match}) = \frac{9}{32}$ or 28.125%

d. BB ****explanations will vary****