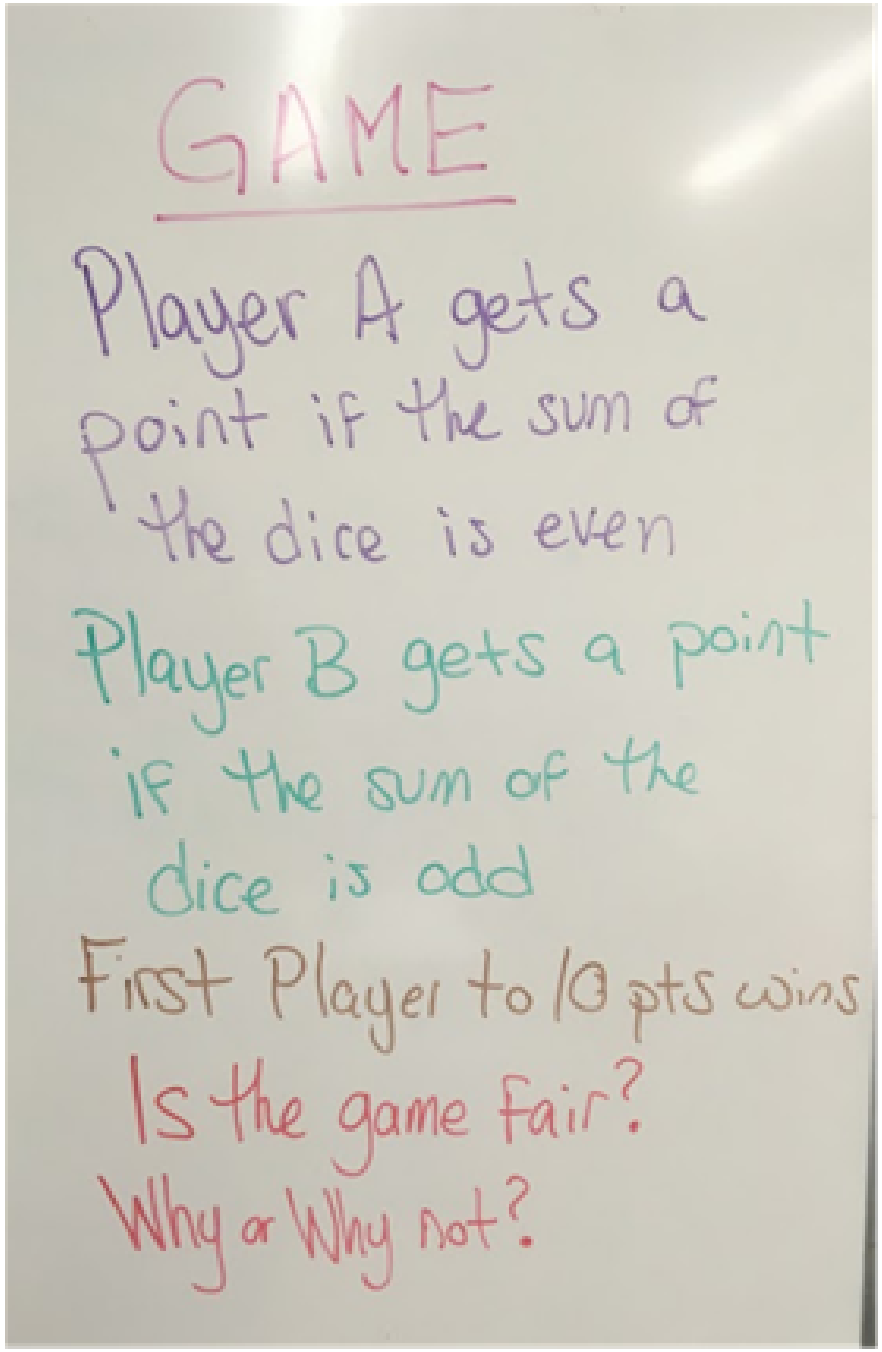
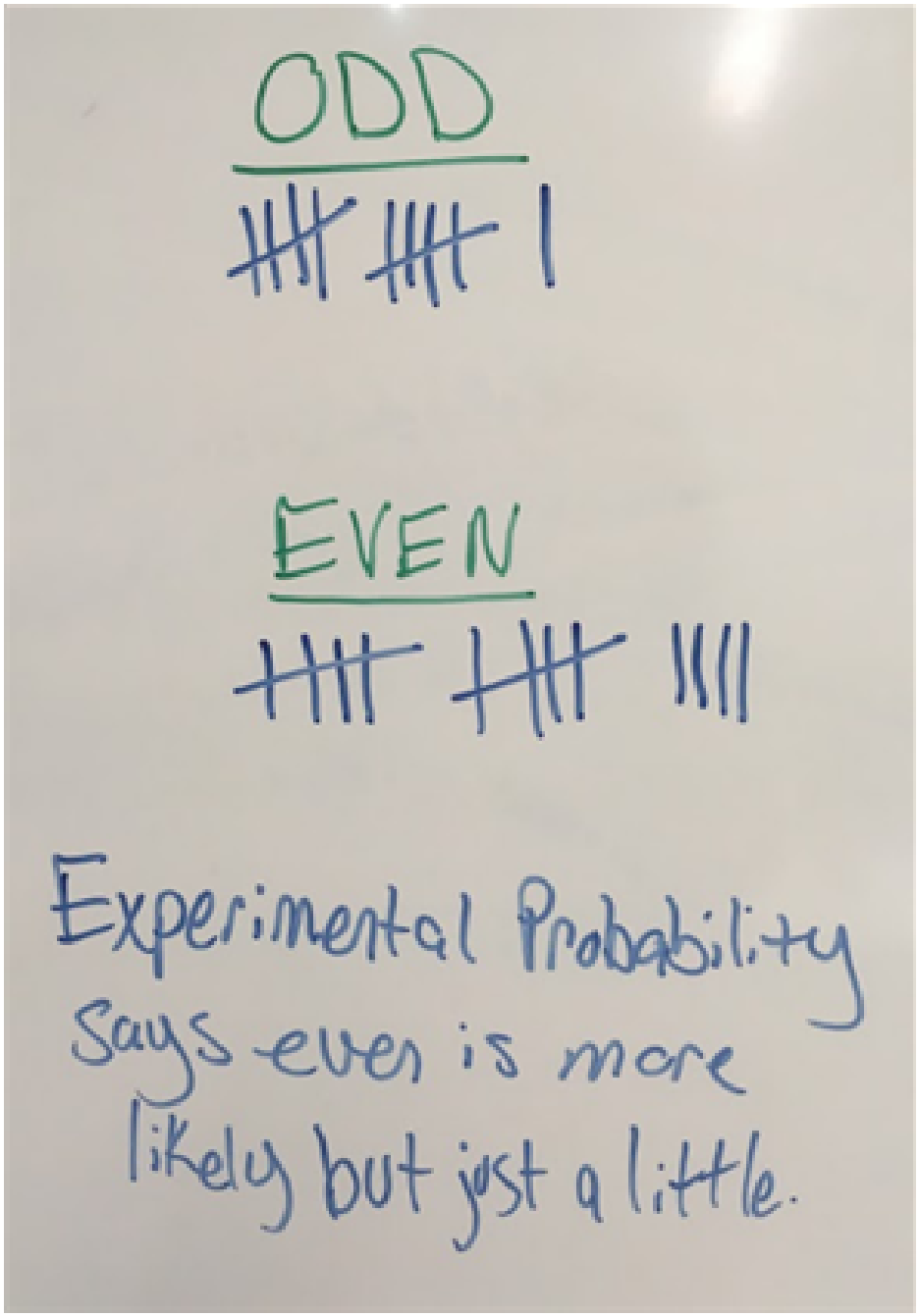
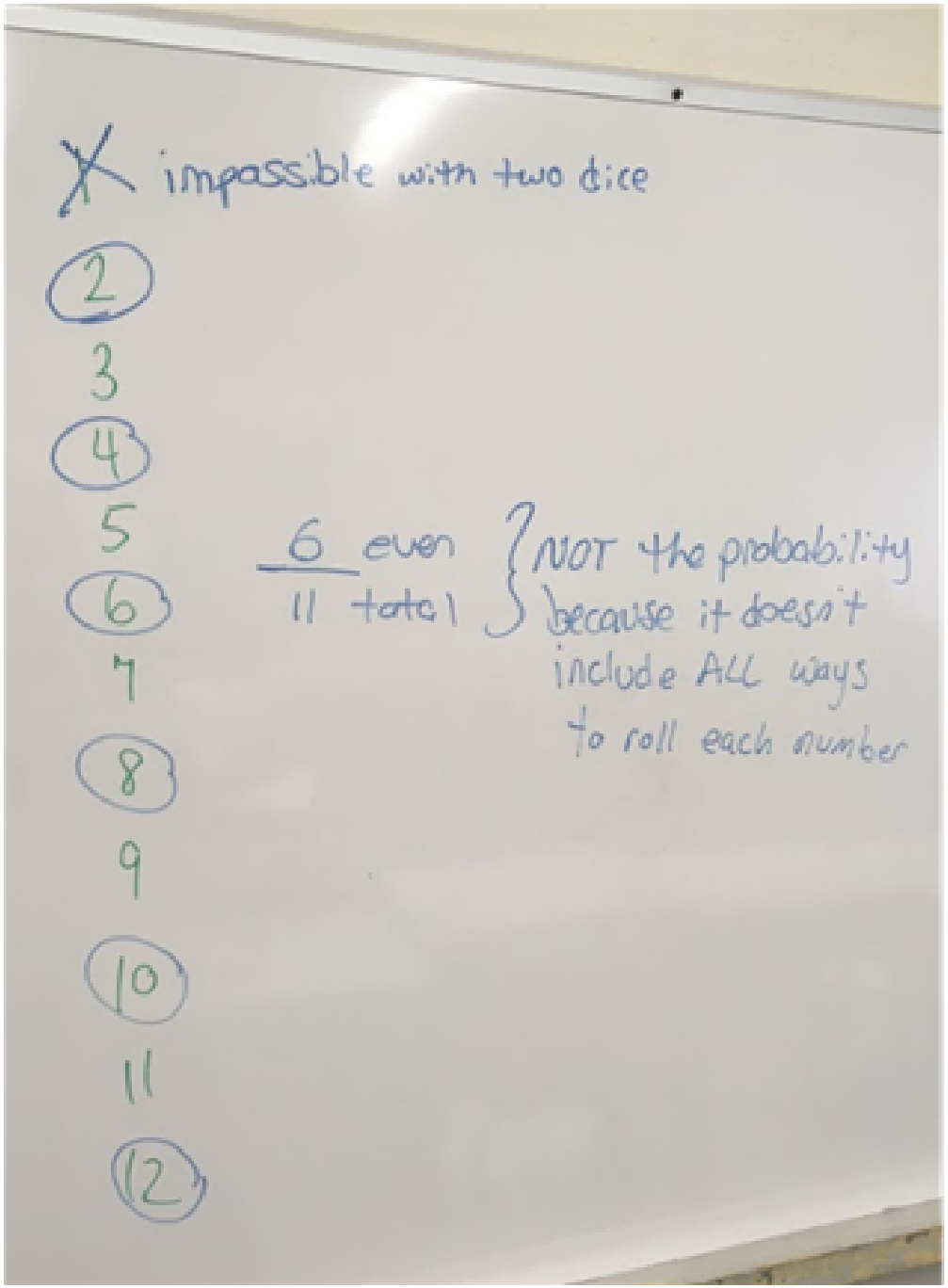
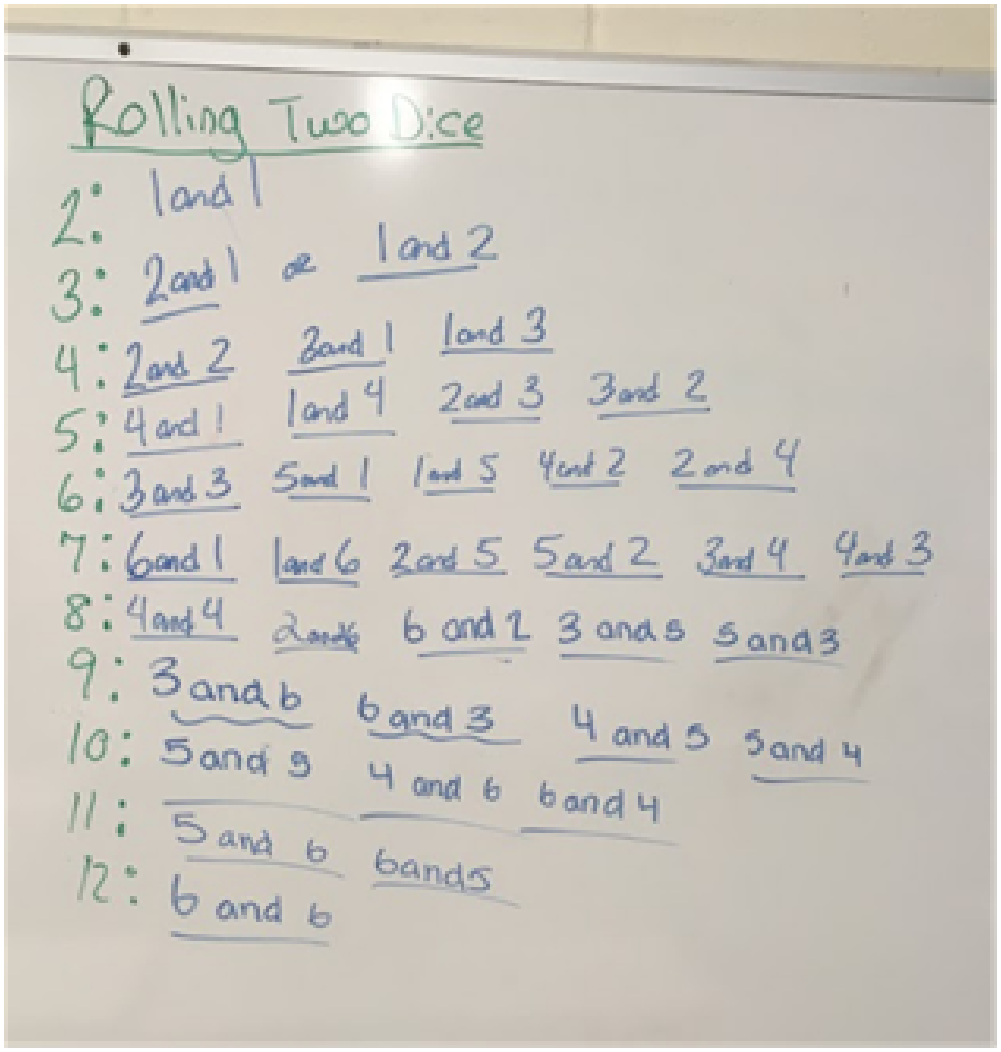

GAME
Player A gets a point if the sum of the dice is even
Player B gets a point if the sum of the dice is odd
First Player to 10 pts wins
Is the game fair?
Why or Why not?


ODD
EVEN
Experimental Probability says even is more likely but just a little.


X impassible with two dice
2
3
4
5
6
7
8
9
10
11
12
6 even
11 total
NOT the probability because it doesn't include ALL ways to roll each number


Rolling Two Dice
2: 1 and 1
3: 2 and 1 or 1 and 2
4: 2 and 2 3 and 1 1 and 3
5: 4 and 1 1 and 4 2 and 3 3 and 2
6: 3 and 3 5 and 1 1 and 5 4 and 2 2 and 4
7: 6 and 1 1 and 6 2 and 5 5 and 2 3 and 4 4 and 3
8: 4 and 4 2 and 6 6 and 2 3 and 5 5 and 3
9: 3 and 6 6 and 3 4 and 5 5 and 4
10: 5 and 5 4 and 6 6 and 4
11: 5 and 6 6 and 5
12: 6 and 6

PROBABILITY OF ROLLING

2: 1/36

3: 2/36 = 1/18

4: 3/36 = 1/12

5: 4/36 = 1/9

6: 5/36

7: 6/16 = 1/6

8: 5/36

9: 4/36 = 1/9

10: 3/36 = 1/12

11: 2/36 =1/18

12: 1/36