GROUP-4 SUBGROUP 1

Amanjot Kaur-M1

Leetansha-M2

Harshil Prajapati-M3

GROUP PART

1. Two students dare each other for basketball shootout game

2. Who takes the first chance for basket?

a. Student A rolls die

b. Student B rolls die

3. Outcome recorded

a. Student A obtained Least score proceed to step 5

b. Student A obtained highest scores proceed to step 5

4. If the score is equal or tie than go to step 2

5. If the score is not equal the winner will proceed first

6. Game start

a. Student A throws ball.

b. Student A throws ball.

c. Student A throws ball.

d. Student B throws ball.

e. Student B throws ball.

f. Student B throws ball.

7. Results recorded

a. if score is tie :Go to step 6 and restart the game.

b. if Unequal score proceed further

8. If,

a. student A get more successful balls in the hoop than student B , student A is winner.

b. student B get more successful balls in the hoop than student A , student B is winner.

9. Winner declared.

10. Note the number of Ties.

11. Looser have to give lottery ticket(s) to the winner

12. Decide how many Numbers of lottery tickets?

          a. Total successful baskets by winner - Total successful baskets by looser

13. If the game is tied

a. Total number of tied games multiply by 0.5 (step-10 \* 0.5)

14. Final calculation of lottery ticket is the outcome of step-12 –  outcome of step-13

15. If the outcome of step-14 is in decimal than the outcome is rounded up to the nearest whole number

16. Output of step 15 is the final number lottery tickets that looser have to give to the winner

17. End