

Mastering Net and Wall Games with Max

Learning objective: To develop tactical awareness, spatial understanding, and precision in net and wall games.

Read each question carefully. Use your knowledge of court positioning and game tactics to answer. Max the monkey is ready to help you solve these mathematical and physical puzzles!

Word bank: Trajectory · Tactical · Precision · Court coverage · Volley · Bespoke · Acceleration · Defensive

1. Max is standing in the center of the court. Explain why returning to the 'ready position' in the center after every shot improves your court coverage. (2 marks)

2. Compare and contrast a 'drop shot' (a ball landing just over the net) with a 'power drive' (a fast, apartment shot). When would you choose to use each tactical shot? (3 marks)

3. If you are playing a wall game, justify why hitting the ball at a higher trajectory might be a more defensive choice than a low, fast strike. (2 marks)

4. You are designing a tournament for 4 players. If it costs £5.50 per person to enter, calculate the total entry fees collected. If the prize trophy costs £12.75, how much profit remains for new equipment? (3 marks)

5. What might happen if your opponent consistently targets the corners of your court? Describe the footwork patterns you would need to employ to reach these balls efficiently. (2 marks)

Draw: Draw a bird's-eye view of a court. Mark with an 'X' where you should stand to cover the most ground, and draw arrows showing the path of a ball hit deep into the back corner.



Extension challenge: Design your own 'Net and Wall' game. Create a set of three rules, decide on the equipment needed, and explain how a player scores a point. How does your game encourage players to use both accuracy and speed?