

Maths in Motion Sports Quiz

ROUND 6

QUESTION 1

Gymnastics

Q. A gymnast practices for **2 hours** each day from **Monday to Friday**. How many minutes does she practice every week?

A. 600

QUESTION 2

Frisbee

Q. If the radius of a frisbee is **13cm**, what is its circumference?

A. 81.64cm

QUESTION 3

Judo

Q. In women's judo, a match lasts **four minutes**. If a match has been underway for **1 minute and 17 seconds**, how much time is left?

A. 2 minutes and 43 seconds

QUESTION 4

Table tennis

Q. Table tennis is played on a table **2.74m** long. How long is one player's side of the table?

A. 1.37m

QUESTION 5

Wheelchair basketball

Q. In a wheelchair basketball game, the home team beats their opponents by a ratio of **3:1**. If the home team scored **18**, how many points did the other team score?

A. 6 points

QUESTION 6

Tennis

Scottish tennis legend Andy Murray was born in **May 1987**. He won his first Wimbledon title in **July 2013**. How old was he?

A. 26

QUESTION 7

Hula hooping

Q. If Heather can keep her hoop spinning round her waist **80 times a minute**, and Harvey can spin his lighter hoop **25% faster**, how many spins a minute can Harvey do?

A. 100 spins a minute.

QUESTION 8

Speed skating

Q. If a speed skater travels at **10m per second** over a **500m course**, how long will it take him to reach the finishing line?

A. 50 seconds

QUESTION 9

Trampolining

Q. In a trampoline competition, the winner's 'time of flight' was 13.06 seconds, and the person in last place had 11.15 seconds. What is the difference between these two times?

A. 1 minute and 51 seconds.

BONUS FACT: The reason it's better to have a longer 'time of flight', is because more time in the air means more time for the athlete to perform complex moves – and thereby get more points.

QUESTION 10

Badminton

Q. A badminton doubles team play 25 matches and win 60% of them. How many games did they win?

A. 15