

# KS2 - MATHS MANIA CHALLENGE SHEET

## MEAN, MODE AND MEDIAN

USE THE PLAYER PROFILE CARDS TO HELP:

- A. Write the players names and ages in a list from youngest to oldest from the Player profile cards you are provided with
- B. Work out the mean age of these Lionesses
- C. Work out the mean number of caps of these Lionesses
- D. Work out the mode age of these Lionesses
- E. Work out the mode number of caps of these Lionesses
- F. Work out the median age of these Lionesses
- G. Work out the median number of caps of these Lionesses

**The mean is the total of the numbers divided by how many numbers there are.**

To find the mean, add all the numbers together then divide by the number of numbers.

The mean is not always a whole number.

**The mode is the number that appears the most.**

To find the mode, order the numbers lowest to highest and see which number appears the most often.

**The median is the middle value.**

To find the median, order the numbers and see which one is in the middle of the list.

If there are two middle values, the median is halfway between them. This might not be a whole number.

## EXTRACTING DATA

USE THE PLAYER PROFILE CARDS TO HELP:

- A. What is the total age of the players in the Player profile cards you are provided with?
- B. Who is the youngest player of these Lionesses?
- C. Who is the oldest player of these Lionesses?
- D. Who has the most caps of these Lionesses?
- E. What is the total number of goals scored by the players whose Player profile cards you are provided with?
- F. Who has scored the most goals of the players whose Player profile cards you are provided with?

## CONVERTING MEASUREMENTS

USE THE PLAYER PROFILE CARDS TO HELP:

- A. Who is the tallest player from the Player profile cards?
- B. How tall are they in centimetres?
- C. Convert their height to metres and centimetres
- D. Convert their height to millimetres
- E. Who is the shortest player?
- F. How tall are they in centimetres?
- G. Convert their height to metres and centimetres
- H. Convert their height to millimetres
- I. Write a sentence to describe the difference in height between these two players.

## CHRONOLOGICAL SEQUENCING OF EVENTS

Use the Stadium fact sheets, explore the dates the stadiums were built and write them in order from the oldest to the newest stadium.

## ORDERING NUMBERS FROM LOWEST TO HIGHEST

Use the Stadium fact sheets, explore the numbers of seats available in each stadium and write them in order from the lowest number to the highest.

