


# Year 3 Maths



Week beginning: 06.07.2020

<p><b>General Information</b></p>  <p>Please remember that the children are expected to complete one activity each day, in day order. Work should be recorded in homework books.</p> <p>The tasks to be completed each day are on the attached sheets.</p> <p>Remember to practise your times tables every day. Ask an adult to test you at the end of each week. Mathematics tasks need to be completed.</p>	<p><b>Monday</b> <u>Clue 1</u> Use the sheet <b>clue 1</b>.</p> <p>Identify whether each angle is greater than or less than a right angle. The answer that appears the most will give you a clue about who finds the tennis balls.</p> <p><b>This means that we can start ruling out some options and reduce the amount of players from the clue sheet below.</b></p>	<p><b>Tuesday</b> <u>Clue 2</u> Use the sheet <b>clue 2</b>.</p> <p>Find a path through the maze by colouring in the correct equivalent measures. The path will reveal a clue about the player who finds the tennis balls.</p> <p><b>From these answers you will be able to work out the next clue and bring us even closer to the player who finds the balls.</b></p>
<p><b>Wednesday</b> <u>Clue 3</u> Use the sheet <b>clue 3</b>.</p> <p>Match the calculation to the correct answer shown by the shaded circle. The answer you haven't used will tell you a clue about the player who finds the tennis balls.</p> <p><b>We are getting closer; do you have any ideas who it could be?</b></p>	<p><b>Thursday</b> <u>Clue 4</u> Use the sheet <b>clue 4</b>.</p> <p>Look at each fraction comparison. If it is correct put a tick. If it is incorrect put a cross. Count the number of ticks and crosses. More ticks = female More crosses = male</p> <p><b>Can you work out who it will be?</b></p>	<p><b>Friday</b> <u>Clue 5</u> Use the sheet <b>clue 5</b>.</p> <p>Find the correct name of the 3D shapes. The column with the most answers will tell you the age of the player who finds the tennis balls.</p> <p><b>Did you work it out?</b></p>

The player who is responsible for finding the tennis ball is:

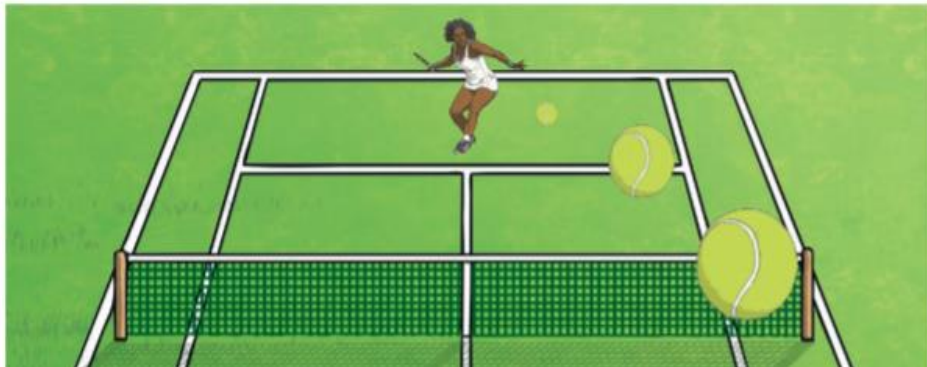
**Queenie Quarrie**

In maths this week you are going to solve the **Mystery of the Missing Tennis Balls.**

## The Mystery of the Missing Tennis Balls

At this year's prestigious world tennis championships, the players are all prepared to challenge for the famous trophy. However, at the last minute the organisers discover that all the tennis balls have gone missing!

Can you solve the problems to find which wonderful player discovered the whereabouts of the tennis balls?



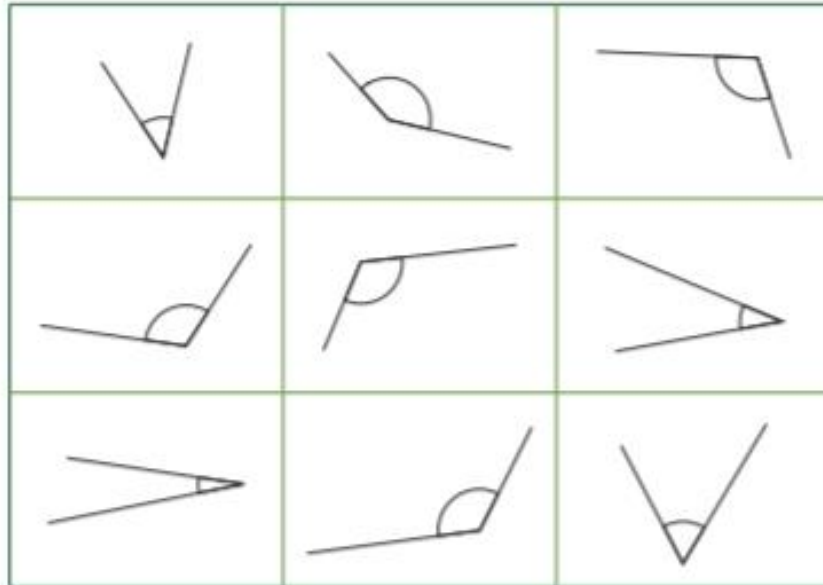
Clue sheet:

Player	Gender	Continent	Age	Kit Colour	Tennis Skill
Anna Avraham	F	Asia	24	Red	Serve
Bailey Brown	M	Europe	22	Green	Volley
Chow Chu	F	Asia	20	White	Slice
Daniel Diaz	M	South America	21	Blue	Speed
Elif Earl	F	Australasia	27	Purple	Backhand
Felix Falade	M	Africa	31	Black	Slice
Georgie Gonzales	F	North America	35	White	Serve
Harnam Hafeez	F	Australasia	25	Green	Volley
India Ings	F	Europe	30	Purple	Serve
Joshua Jelani	M	Africa	21	White	Slice
Kuljeet Kimura	F	Asia	23	Green	Volley
Li Lopez	M	South America	24	Black	Speed
Matt Martin	M	Australasia	34	Blue	Backhand
Nikita Naylor	F	North America	31	Black	Slice
Odetta Otto	F	Europe	30	Green	Serve
Preet Patel	M	Asia	20	Purple	Volley
Queenie Quarrie	F	Australasia	19	Blue	Backhand
Rehan Romero	M	South America	23	White	Serve
Sophie Selassie	F	Africa	22	Black	Speed
Thierry Toussaint	M	Europe	32	Purple	Volley
Violet Vera	F	North America	27	Blue	Speed
Wen Wu	F	Asia	24	Black	Slice

# Monday Maths

## Clue 1: Angles Greater Than or Less Than a Right Angle

Identify whether each angle is greater than or less than a right angle. The answer that occurs the most will give a clue about who finds the tennis balls.



The majority of angles were less than a right angle.	The majority of angles were greater than a right angle.
The player doesn't come from Europe.	The player doesn't come from Africa.



### Clue

The player who finds the tennis balls doesn't come from \_\_\_\_\_.

Tuesday Maths: If you cannot remember our lessons on conversions, here is a reminder.

Measurement conversions

## Length

1 kilometre = 1000 metres

1 metre = 100 centimetres

1 centimetre = 10 millimetres



km  
m  
cm  
mm

Measurement conversions

## Capacity

1 litre = 1000 millilitres

1 centilitre = 10 millilitres



l  
cl  
ml

Measurement conversions

## Weight

1 tonne = 1000 kilograms

1 kilogram = 1000 grams

1 gram = 1000 milligrams





t  
kg  
g  
mg

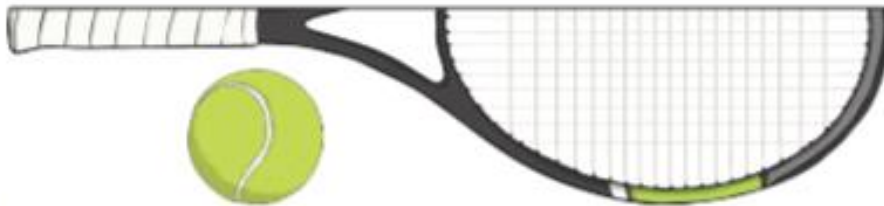
## Tuesday Maths continued

### Clue 2: Equivalent Measures

Find a path through the maze by colouring in the correct equivalent measures.

The path will reveal a clue about player who finds the tennis balls.

<b>START</b>	 $1\text{m} = 100\text{cm}$	 $3000\text{g} = 3\text{kg}$	$4\text{l} = 4000\text{ml}$	$2\text{m} = 200\text{cm}$
$3\text{m} = 300\text{cm}$	<del><math>6\text{km} = 600\text{m}</math></del>	<del><math>2\text{l} = 200\text{ml}</math></del>	$2\text{m} = 2000\text{km}$	$1000\text{g} = 1\text{kg}$
<del><math>4\text{m} = 400\text{mm}</math></del>	$1\text{l} = 1000\text{ml}$	$4\text{m} = 400\text{cm}$	$2\text{km} = 2000\text{m}$	$5\text{cm} = 50\text{mm}$
$2000\text{g} = 2\text{kg}$	$3\text{m} = 3000\text{mm}$	$3\text{km} = 3000\text{cm}$	$2\text{l} = 2000\text{ml}$	$100\text{g} = 1\text{kg}$
$4\text{m} = 4000\text{cm}$	$3\text{l} = 3000\text{ml}$	$50\text{mm} = 5\text{cm}$	$4\text{l} = 400\text{ml}$	$5\text{m} = 500\text{cm}$
$5\text{l} = 5000\text{ml}$	$1\text{km} = 10\text{cm}$	$4000\text{g} = 4\text{kg}$	$2\text{m} = 20\text{cm}$	$5000\text{m} = 5\text{km}$
The tennis player's special skills are not backhand or volley.	The tennis player's special skills are not slice or serve.	The tennis player's special skills are not speed or slice.	The tennis player's special skills are not volley or serve.	The tennis player's special skills are not backhand or slice.



#### Clue

The special skill of the tennis player who finds the tennis balls isn't a \_\_\_\_\_

I have started the path for you.

$6\text{km} = 6000\text{ m}$  **not**  $600\text{ m}$

$2\text{l} = 2000\text{ ml}$  **not**  $200\text{ ml}$










$4\text{m} = 4000\text{ mm}$  **not**  $400\text{ mm}$

## Wednesday Maths:

### Clue 3: Tennis Tenths

Match the calculation to the correct answer shown by the shaded circle.

The one remaining answer will tell you a clue about the player who finds the tennis balls.

	$\frac{4}{10} + \frac{3}{10}$ The player's kit is blue or black.
	$\frac{9}{10} - \frac{1}{10}$ The player's kit is green or black.
	$\frac{3}{10} - \frac{2}{10}$ The player's kit is green or blue.
	$\frac{6}{10} + \frac{3}{10}$ The player's kit is white or black.
	$\frac{7}{10} - \frac{3}{10}$ The player's kit is green or purple.
	$\frac{8}{10} - \frac{6}{10}$ The player's kit is blue or white.
	$\frac{1}{10} + \frac{2}{10}$ The player's kit is purple or white.
	$\frac{2}{10} + \frac{4}{10}$ The player's kit is black or purple.
	$\frac{4}{10} + \frac{1}{10}$ The player's kit is white or green.

#### Clue

The player who finds the tennis balls has a \_\_\_\_\_ or \_\_\_\_\_ kit.

## Thursday Maths:

### Clue 4: Comparing Fractions

Look at each fraction comparison. If it is correct, put a tick. If it is incorrect, put a cross. Count the number of ticks and crosses.

If there are more ticks than crosses, the player who finds the tennis balls is female.  
If there are more crosses than ticks, the player who finds the tennis balls is male.

	Correct ✓	Incorrect ✗
$\frac{1}{3} > \frac{1}{5}$		
$\frac{7}{12} < \frac{5}{12}$		
$\frac{1}{4} > \frac{1}{2}$		
$\frac{5}{5} > \frac{3}{3}$		
$\frac{4}{5} > \frac{1}{5}$		
Total		



#### Clue

The player who finds the tennis balls is male / female.

*(Circle the correct answer)*







## Friday Maths:

### Clue 5: 3D Shapes

In each row, find the correct name of the 3D shape shown in the first column.

The column with the most correct answers will tell you the age of the player who finds the tennis balls.

	cube	square-based pyramid	sphere
	cuboid	hexagonal prism	pentagonal prism
	triangular prism	tetrahedron	square-based pyramid
	sphere	cylinder	cuboid
Age	19-24	25-30	31-36

I am giving you the answer for this one. 😊

#### Clue

The player who finds the tennis balls is aged \_\_\_\_\_.



The player who is responsible for finding the tennis balls is: \_\_\_\_\_.