Clue 1: Perimeter

Calculate the perimeter of each rectangle.

The solution that occurs the most will give a clue about who finds the tennis racket.
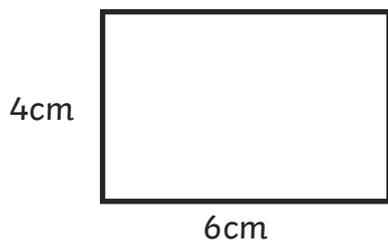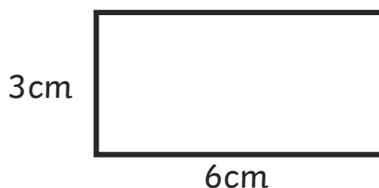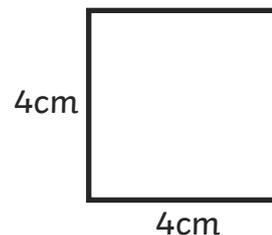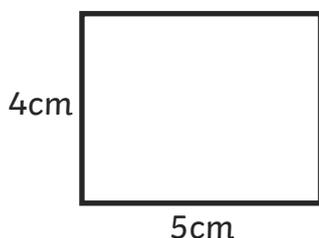
4cm | 6cm rectangle

Perimeter = **20cm**

3cm | 6cm rectangle

Perimeter = **18cm**

4cm | 4cm square

Perimeter = **16cm**

4cm | 5cm rectangle

Perimeter = **18cm**

2cm | 7cm rectangle

Perimeter = **18cm**

2cm | 8cm rectangle

Perimeter = **20cm**

5cm | 5cm square

Perimeter = **20cm**

3cm | 5cm rectangle

Perimeter = **16cm**

3cm | 7cm rectangle
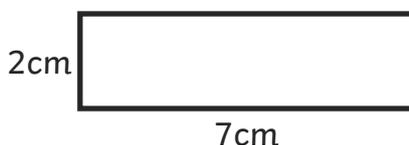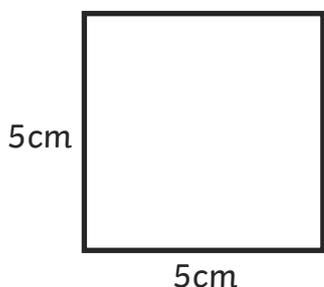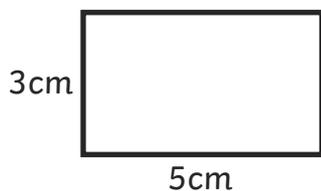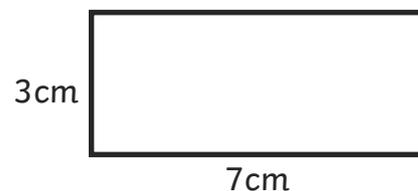
Perimeter = **20cm**

16cm	18cm	20cm
The player doesn't come from Africa.	The player doesn't come from Australasia.	**The player doesn't come from Asia.**

Clue: The player who finds the tennis racket doesn't come from _____**Asia**_____.

Clue 2: Decimal Equivalents

Find a path through the maze by colouring in the equivalent measurements that are correct. You can only move vertically or horizontally.

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

Start	5.1kg = 510g	3200m = 3.2km	12mm = 1.2cm	400ml = 0.4l
580m = 0.58km	3.4l = 3400ml	170cm = 1.7m	32cm = 3200mm	4.3kg = 4300g
450g = 0.405kg	34cm = 3.4mm	290ml = 2.9l	380m = 0.38km	23cm = 0.23m
430cm = 4.3m	12mm = 1.2cm	240m = 2.4km	7200g = 7.2kg	0.76l = 76ml
12km = 1200m	620g = 0.62kg	12m = 120cm	9.2l = 9200ml	59mm = 5.9cm
980ml = 0.98l	870cm = 8.7m	730m = 0.73km	340mm = 3.4cm	10kg = 10 000g
The player's special skill is not a volley or serve.	The player's special skill is not a slice or backhand.	The player's special skill is not a backhand or speed.	The player's special skill is not speed or a volley.	**The player's special skill is not a slice or serve.**

Clue: The tennis skill of the player who finds the racket isn't _____**a slice or serve**_____.

Clue 3: Triangles and Quadrilaterals

Match each shape to its name.

The one remaining box will give you a clue about the player who finds the racket.

parallelogram

The player's kit is green or black.

equilateral triangle

The player's kit is green or blue.

trapezium

The player's kit is white or black.

square

The player's kit is green or purple.

scalene triangle

The player's kit is blue or white.

rectangle

The player's kit is purple or white.

right-angled triangle

The player's kit is blue or black.

isosceles triangle

The player's kit is black or purple.

rhombus

The player's kit is white or green.

Clue: The player who finds the racket has a ____**blue**____ or ____**black**____ kit.

Clue 4: Angles

Check if these statements about angles are true or false. If it is true, put a tick. If it is false, put a cross. Count the number of ticks and crosses.

If there are more ticks than crosses, the player who finds the racket is female.

If there are more crosses than ticks, the player who finds the racket is male.
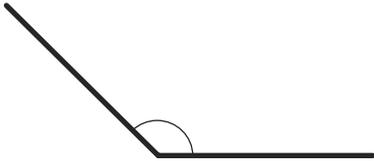
	True ✓	False ✗
is an acute angle		✗
is an obtuse angle	✓	
<		✗
is an acute angle	✓	
>	✓	
is an obtuse angle		✗
>		✗
Total	**3**	**4**
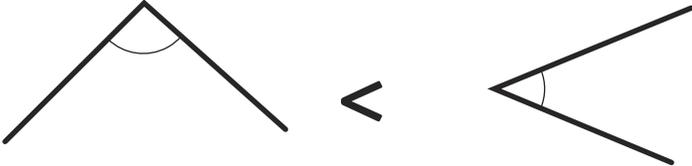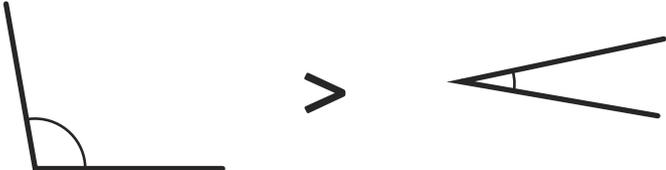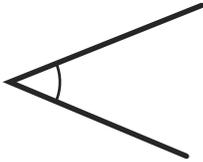
(Circle the correct answer.)

Clue: The player who finds the tennis racket is a female/(male).

Clue 5: Coordinates Grid

Look at the coordinates grid.
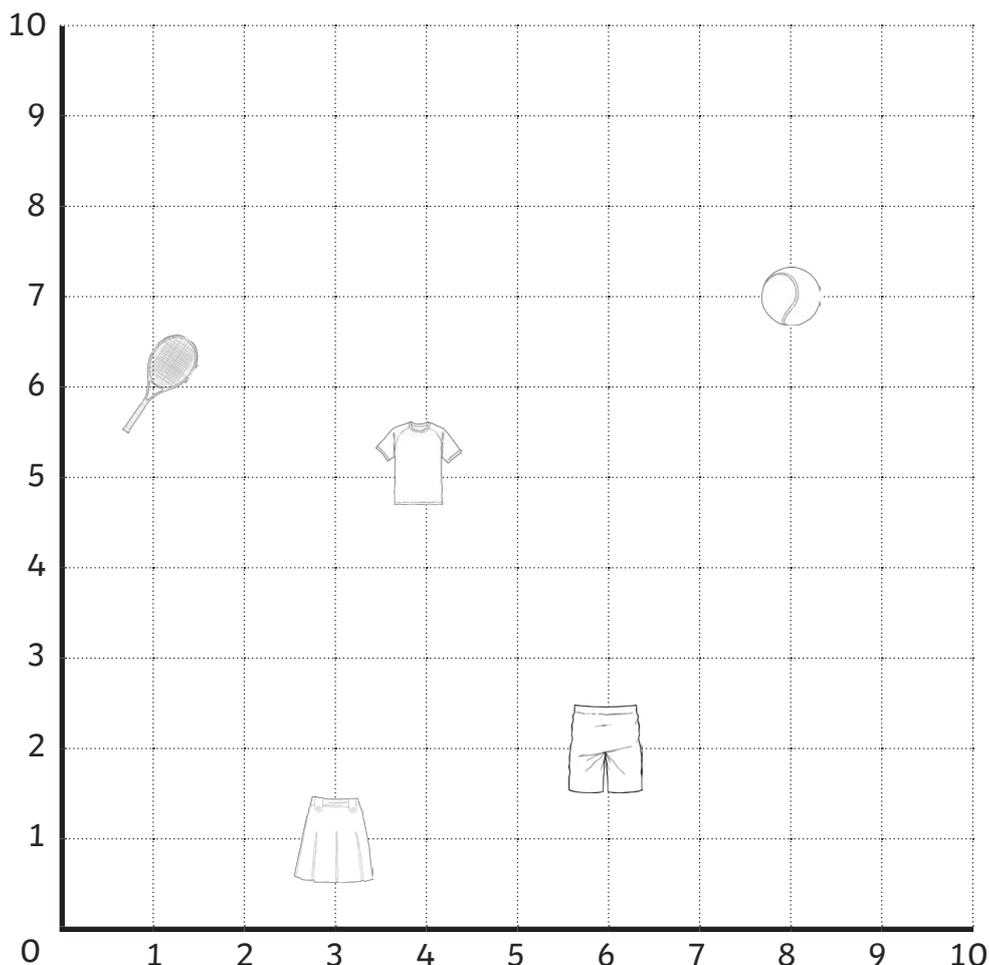
In each row, colour the correct coordinates for each picture.

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

◯	(7,8)	(7,9)	**(8,7)**	(8,8)
🎾	(6,2)	**(1,6)**	(0,6)	(6,1)
👕	(5,5)	(4,6)	(5,4)	**(4,5)**
🩳	**(6,2)**	(3,6)	(2,6)	(6,3)
👗	(2,3)	**(3,1)**	(1,3)	(4,2)
	19-22	**23-26**	**27-30**	**31-35**

Clue: The player who finds the racket is aged ___**23-26**___.

The player who was responsible for finding the racket is: ___**Li Lopez**___.