



# TEACHER WORKSHEET

6-7 yr | 7-8 yr | 8-9 yr

CYCLE 2 • MATH: DIMENSIONS AND MEASUREMENTS



## PERIMETERS AND TENNIS/TABLE TENNIS

### OVERVIEW

#### EDUCATIONAL OBJECTIVES:

- Introduce the concept of perimeters.
- Utilize and gradually build on the skill of “calculating the perimeter of a rectangle”.

#### SPECIFIC SKILLS:

- **Dimensions and measurements:**
  - Compare, estimate, and measure lengths.
  - Use the vocabulary, units, and specific measuring instruments for physical quantities.
  - Solve problems involving lengths.
- **Space and geometry:**
  - Recognize, name, describe, reproduce, and build geometric figures.
  - Recognize and utilize the concepts of alignment, right angles, equal lengths, center, and symmetry.

#### INTERDISCIPLINARY SKILLS:

- **MORAL AND CIVIC EDUCATION:**  
Learn to cooperate.
- **English:**  
Practice different forms of reading (problem statements).

#### SCHEDULE FOR SESSIONS:

- Launch project.
- Gather initial student project feedback.
- Work in groups and/or individually, based on activity.
- Share work with class.
- Review.
- Extend activity.

#### DURATION:

- **Children 6-7 years old:** 1 session (45 minutes).
- **Children 7-8 years old:** 2 sessions (1 hour and 30 minutes).
- **Children 8-9 years old:** 4 sessions (2 hours and 30 minutes).

#### ORGANIZATION:

- Class, group, and individual work.

#### → OLYMPIC GAMES KEYWORDS:

**TENNIS • TABLE TENNIS • MATCH • TEAM • COOPERATION • FAIR PLAY**



### CONCEPTS ADDRESSED

#### MATHEMATICAL KNOWLEDGE

In this unit, students will gradually learn how to calculate the perimeter of a polygon, specifically a rectangle:

- The perimeter is the length of a shape’s outline. It can be expressed in meters.
- The perimeter of a rectangle is calculated using a formula:  $(L + W) \times 2$ , where L means length and W means width.



Students will therefore be asked to solve problems in which the perimeter must be calculated to find the solution. To do that, they should be familiar with the following units of length and the relationships between them: meter, kilometer, centimeter, millimeter. They should also be able to measure in meters, centimeters, and millimeters:  
 $1 \text{ m} = 10 \text{ dm} = 100 \text{ cm} = 1,000 \text{ mm} = 0.1 \text{ dam} = 0.01 \text{ hm} = 0.001 \text{ km}$

### A SHORT HISTORY OF TENNIS

Tennis originated in France as *jeu de paume*. Translated literally, the name means “palm game” because back then players didn’t use rackets—just the palm of the hand! After the French Revolution in 1789, the sport evolved and rackets, a net, court, and other details were introduced. At the end of the 19th century, the game took the form we now know today.

In 1896, tennis first appeared at the Olympic Games in Athens. But after 1924, tennis was dropped from the Olympic Games, only to be reintroduced sixty-four years later.

### TENNIS AND TABLE TENNIS

In tennis, singles involves two players competing against each other on the court.

In doubles, two teams of two players compete against each other, so there are four players on the court.

The goal is to hit the ball with the racket so that it bounces into the opponent’s half of the court, in a way that the opponent is unable to keep the ball in play.

In table tennis, which is sometimes called ping-pong—ping-pong players may informally be called “ping-pongers”— players hit the ball on a blue or green table, instead of on a court.

Singles or doubles can also be played in table tennis. The object of the game is the same as in tennis. The standard rules of the game were established in 1922 by Ivor Montagu, then a student at Cambridge.

### Focus on tennis

Since we will be mainly working on the tennis court, here is what you need to know:

- The white lines mark the outer boundaries of the court as well as the inner areas.



### FUN FACT!

At the 2016 Olympic Games, British tennis player Andy Murray, who beat Juan Martín del Potro in four sets, became the first person to have won two gold medals in Olympic singles tennis.

### FUN FACT!

In 1900, in Paris, tennis as an Olympic event was opened to women.

### FUN FACT!

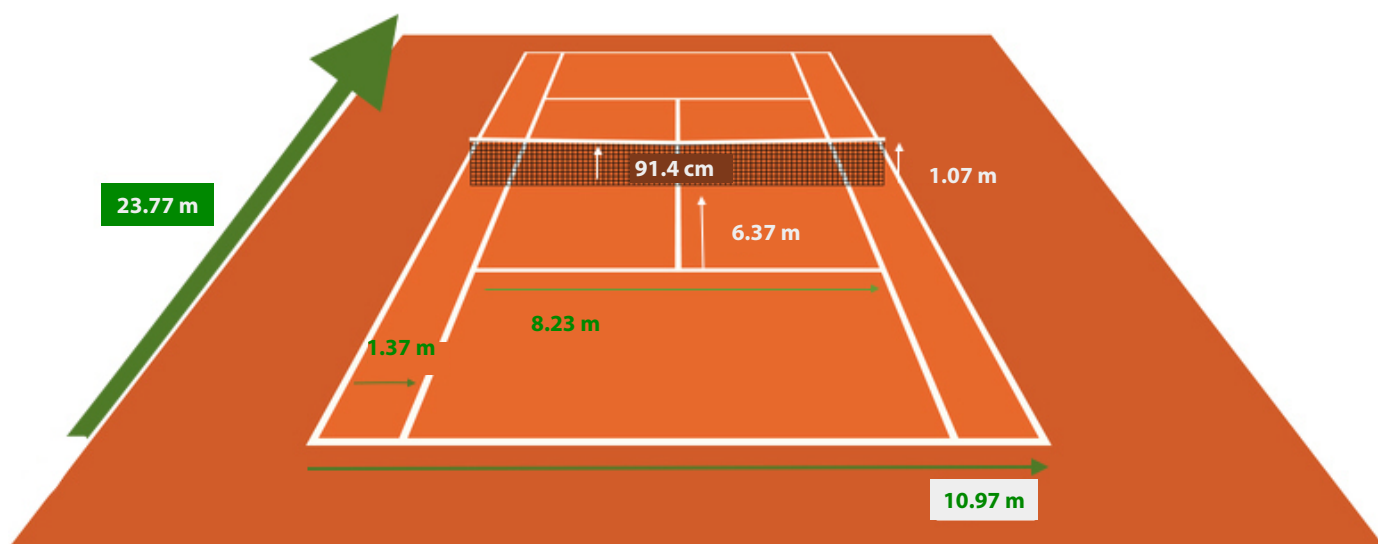
Table tennis became an Olympic sport in 1988 in Seoul.



- The long, narrow sections on the sides are called “tramlines” or “alleys”, and are only used in doubles.
- Each player stays on his or her side of the court. A net separates the court into two sides. The ball must pass over the net to get to the other side.
- The ball must land inside the baseline, which is behind the players. If the ball lands exactly on a line, the umpire decides whether or not it is good.
- The baseline and tramlines are areas to avoid while the ball is in play, except during the first serve.
- The serve is made diagonally from the baseline, or just behind it; the ball must reach the other side of the net, on the left if the serve was made on the right (and vice versa), in the area closest to the net—also called the “service box”.

### One court, a variety of surfaces

Tennis courts all have the same dimensions. The court is a rectangle measuring 23.77 meters long by 8.23 meters wide (not including tramlines).



A tennis court can have various surfaces:

- Concrete and acrylic (a porous and slightly granular hard synthetic-resin surface). This surface was chosen for the 2016 Olympic Games.
- Clay (limestone covered with crushed stone or brick). This is the court surface used at the French Open, also known as Roland-Garros.
- Grass.
- Indoor synthetic surfaces.



## STUDENT WORKSHEET OVERVIEW

### VOCABULARY:

Tennis, table tennis, venue, court, service box.

### ACTIVITIES:

#### ► ACTIVITY 1: THE PING-PONG TABLE: A MINIATURE TENNIS COURT

Measure in centimeters, take an investigative approach (observe, question), compare, handle and experiment, formulate a hypothesis and test it. 6-7 yr 7-8 yr 8-9 yr

**Materials:** A ping-pong table.

One may also be drawn on the playground (e.g., with chalk).

**Supplies:** Measuring instruments (ruler, triangle).

**Activity overview:** Ask students to measure the table's dimensions.

- 1) Students are free to choose their strategy and tools. They can work together, but it is not mandatory. They draw the ping-pong on their worksheet.
- 2) They record their observations and measurements in a table. The teacher moves around and asks students to explain their strategy in words, if needed.
- 3) As a class, identify the dimensions of a ping-pong table and write down the dimensions together on the diagram. The teacher confirms the ping-pong table's dimensions (274 cm × 152.5 cm).
- 4) The teacher asks the children to compare the ping-pong table they have measured with their image of a tennis court. Give the dimensions of a tennis court (23.77 m × 8.23 m), which students also write down on their activity worksheet.

#### ► ACTIVITY 2: LINE UP

Calculate the perimeter of a rectangle. 6-7 yr 7-8 yr 8-9 yr

**Materials:** Math notebook, diagram of a tennis court.

**Supplies:** A ruler (or triangle).

**Activity overview:** Ask the children to suggest a solution for calculating the outline of a tennis court.

- 1) Encourage the children to write their proposals and guide them to the right term: this is called the "perimeter".
- 2) Let the children work in pairs to calculate the perimeter of a ping-pong table using the measurements found in the previous activity. Once everyone has calculated the perimeter using their own method, give the answer on the board so that students can see whether their method was correct. Confirm the perimeter formula together.
- 3) Calculate the perimeter of a tennis court; an official tennis court is 23.77 meters long (round up to 24 meters) and 8.23 meters wide without the tramlines (round down to 8 meters). Using the rounded measurements (L = 24 m and W = 8 m), students should calculate the tennis court's perimeter.



### ► ACTIVITY 3: IS THE SERVICE BOX SQUARE?

Calculate the perimeter of a square. 6-7 yr | 7-8 yr | 8-9 yr

**Materials:** Diagram of a tennis court.

**Supplies:** Individual dry-erase (or chalk) board.

**Activity overview:** Ask students to look at the tennis court diagram and answer the questions.

- 1) Is the service box actually a square? Yes? No? Why?
- 2) Suggest calculating together the perimeter of the box, which is in fact a rectangle.  
Give the following measurements:  $W = 4\text{ m}$  and  $L = 6\text{ m}$ .
- 3) Ask the children what the polygon's measurements should be to make it an actual square.
  - Expected responses: 4 meters on each side, or 6 meters on each side.
  - Repeat the characteristics of a square.
- 4) Calculate the perimeter of a square with 6-meter-long sides. Students work on their dry-erase boards in pairs. Work time: Approx. 5 minutes. The teacher can move around the class and make note of different techniques. The results and, more importantly, the methods, are then shared as a class.  
Have students come to the board:
  - One using the method  $s + s + s + s$
  - One using the formula to calculate the perimeter of a rectangle
  - One who has figured out  $s \times 4$Confirm the formula to calculate the perimeter of a square together.

### ► ACTIVITY 4: RECTANGLES AND PERIMETERS OF A COURT

Practice calculating perimeters: rectangle, square, polygon. 6-7 yr | 7-8 yr | 8-9 yr

**Materials:** Image of a tennis court.

**Supplies:** Individual dry-erase (or chalk) board, ruler, triangle, colored pencils.

**Activity overview:** There are many rectangles on a tennis court. In pairs, try to find them all. Once you have found them all, we will color them in different colors. You can choose two of them and calculate the perimeters. We will then put the perimeters in ascending order.

- 1) Using their dry-erase board and the tools they think they need, pairs work together to identify all of the rectangles in the court image. Then they mark out the rectangles using different colors. Encourage them to note the rectangles' measurements on the image.
- 2) Take the tennis court diagram and colored pencils and make note of all the rectangles students have found. Ask each pair to calculate the perimeters of two rectangles they have selected. Then, each pair tells the teacher about their method and the results for the perimeters.
- 3) As a class, put the perimeters of the court's rectangles in ascending order.



## STUDENT WORKSHEET ANSWER KEY

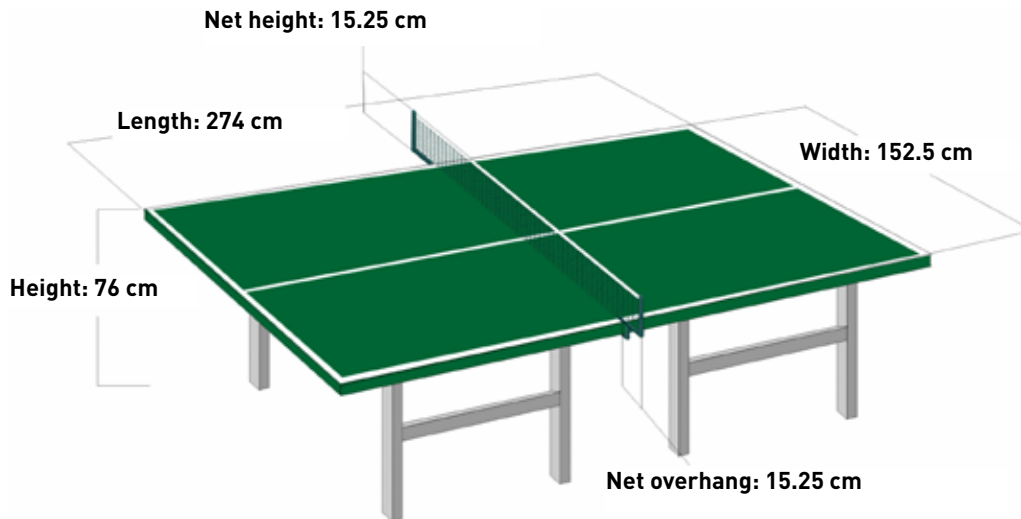
### ► ACTIVITY 1: THE PING-PONG TABLE: A MINIATURE TENNIS COURT

Measure and write down a ping-pong table's dimensions. 6-7 yr | 7-8 yr | 8-9 yr

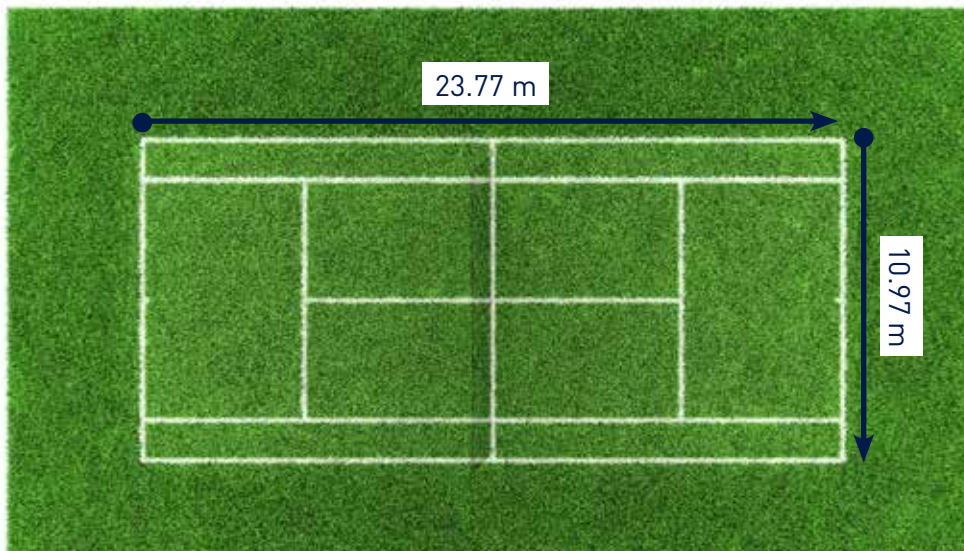
1) No corrections expected.

2) No corrections expected.

3)



4)





► **ACTIVITY 2: LINE UP**

Calculate the perimeter of a rectangle using the following steps. 6-7 yr | 7-8 yr | 8-9 yr

- 1) A perimeter.
- 2)  $P = \text{Length} \times 2 + \text{Width} \times 2$ .

3) $P = L \times 2 + W \times 2$
$P = 24 \text{ m} \times 2 + 8 \text{ m} \times 2 = 48 \text{ m} + 16 \text{ m}$
$P = 64 \text{ m}$
The tennis court's perimeter is 64 m.

► **ACTIVITY 3: IS THE SERVICE BOX SQUARE?**

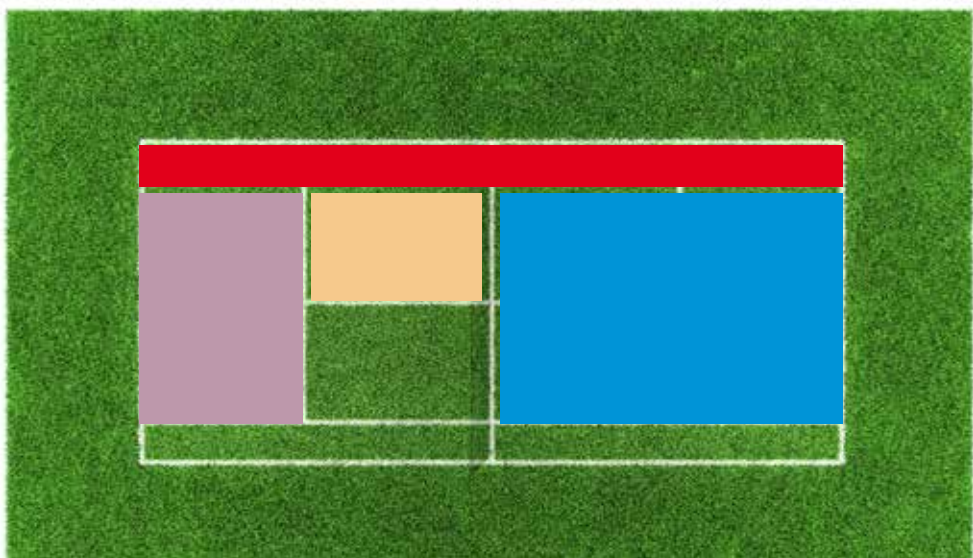
Calculate the perimeter of a square. 6-7 yr | 7-8 yr | 8-9 yr

- 1) No. Because all four sides are not the same length; adjacent sides are of unequal length. So, in fact, it is a rectangle.
- 2)  $P = 6 \times 2 + 4 \times 2 = 20 \text{ m}$   
The perimeter measures 20 m.
- 3) All four sides either measure 4 meters or 6 meters.
- 4)  $P = 6 + 6 + 6 + 6 = 24 \text{ m}$   
This could also be written as  $P = 6 \times 4 = 24 \text{ m}$ .  
 $P = s \times 4$

► **ACTIVITY 4: RECTANGLES AND PERIMETERS OF A COURT**

Practice calculating perimeters. 6-7 yr | 7-8 yr | 8-9 yr

- 1) Here are a few of the rectangles that you and your students could identify, based on their selection. The list is not exhaustive and this diagram is for informational purposes only.



© Istock

- 2) Check each pair's results, based on the rectangles students have selected.
- 3) As an example, the order of the rectangles shown here is: beige, purple, red, blue.



## FIND OUT MORE

### DIGITAL RESOURCES

Learn more about tennis at the modern Olympic Games:

<https://www.olympic.org/tennis>

To introduce students to measures of length, Canopé offers a whole series of videos on the basics for units of length, orders of magnitude, and conversions:

<https://www.reseau-canope.fr/lesfondamentaux/discipline/mathematiques/grandeurs-et-mesures/mesures-de-longueur.html>

### FURTHER READING FOR STUDENTS

*Ratus champion de tennis*, by Jeanine Guion, Jean Guion, and Olivier Vogel, Hatier.

*Tennis*, by Émilie Beaumont, Nathalie Bélineau, and Jonathan Landemard, Fleurus.

*Le Tennis raconté aux enfants*, by Bruno Cuaz and Patrice Hagelauer, Martinière Jeunesse.

*J'apprends le tennis*, by Jérémy Rouche and Fabien Laurent, Éditions Milan.

*Copain des sports*, by Serge Guérin, Corine Delétraz, and Laurent Audouin, Éditions Milan Jeunesse.

### EXHIBITIONS FOR STUDENTS

The Olympic Museum in Lausanne:

<https://www.olympic.org/museum> (virtual tour available online)

### ALL CNOSF CYCLE 2 EDUCATIONAL FILES:

PE: "Learn about water polo"

Examine the world: "Gymnastics"

French: "Olympic Games vocabulary in French"  
Language studies/vocabulary: "Olympic Games vocabulary"

Moral and civic education: "Rugby and the importance of rules"





# PROGRESS WORKSHEET

CYCLE 2 • MATH: DIMENSIONS AND MEASUREMENTS

## PERIMETERS AND TENNIS/TABLE TENNIS

The purpose of the unit is to teach children how to compare, estimate, and measure lengths, and how to solve a problem that involves lengths.

The worksheets have been designed based on student level.

### Worksheet for students 6–7 years old

#### 1 activity.

The ping-pong table activity lets students compare objects and lengths, and to estimate orders of magnitude.

### Worksheet for students 7–9 years old

#### 7–8 yr: 2 activities.

In addition to the measuring activity, Activity 2 gradually introduces students to the concept of perimeter, to express measurements in one or more selected units.

#### 8–9 yr: 4 activities.

In addition to Activities 1 and 2 (which can be done more quickly), Activities 3 and 4 involve mobilizing knowledge to problem-solve using formulas for physical quantities, and therefore the perimeter (at the end of the cycle, for children 8–9 years old).



# STUDENT WORKSHEET

6-7 yr | 7-8 yr | 8-9 yr

CYCLE 2 • MATH: DIMENSIONS AND MEASUREMENTS

## PERIMETERS AND TENNIS/TABLE TENNIS

Aa

### VOCABULARY



**TENNIS:** A racket sport in which two individual players (singles) or two teams of two players (doubles) compete against each other.

**TABLE TENNIS:** Also called “ping-pong”, the sport is played like tennis in singles or doubles, but on a table.

**VENUE:** A place or specific area where a sport is played.

**COURT:** The area where tennis games are played; called a “tennis court”.

**SERVICE BOX:** The part of the court where the ball must land for the serve to be correct.

### ACTIVITIES

#### ► ACTIVITY: THE PING-PONG TABLE: A MINIATURE TENNIS COURT

##### MATERIALS:

- A ping-pong table.  
One may also be drawn on the playground (e.g., with chalk).

##### SUPPLIES:

- Measuring instruments (ruler, triangle, meter).

Measure and write down a ping-pong table's dimensions.

1) Draw a ping-pong table in the box below:



### TIPS & TRICKS



When the teacher explains a lesson or gives instructions, **focus**. To help you do that, you can **close your eyes** and take a deep breath. Then **calmly exhale and imagine that you're blowing a bubble that protects you** from anything that might keep you from listening. If you can't keep up, kindly ask the teacher to **slow down his or her explanation**.



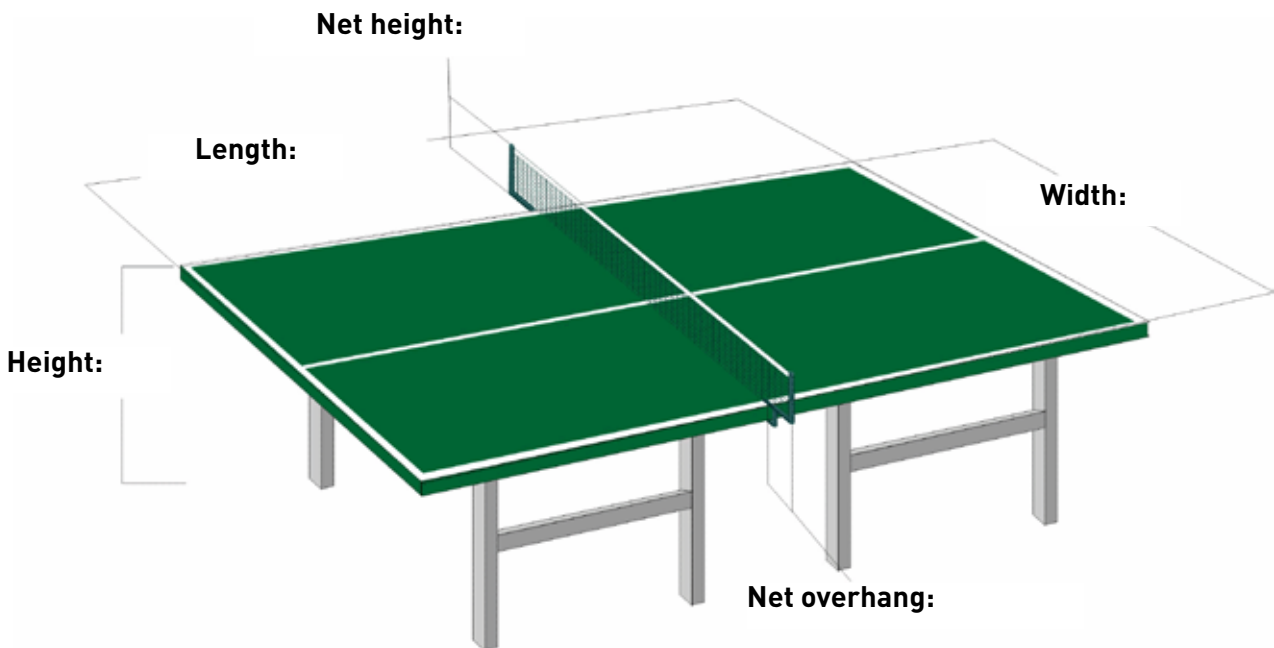
**► FIND OUT MORE:**

The term “table tennis” is often used to refer to the competitive sport, while “ping-pong” can be used to refer to the recreational activity. Players are also called “ping-pongers”. The word “ping-pong” comes from the sound the ball makes when it hits the racket (ping) and the table (pong).

2) Record your observations and measurements in the following table.

Observations	Measurements

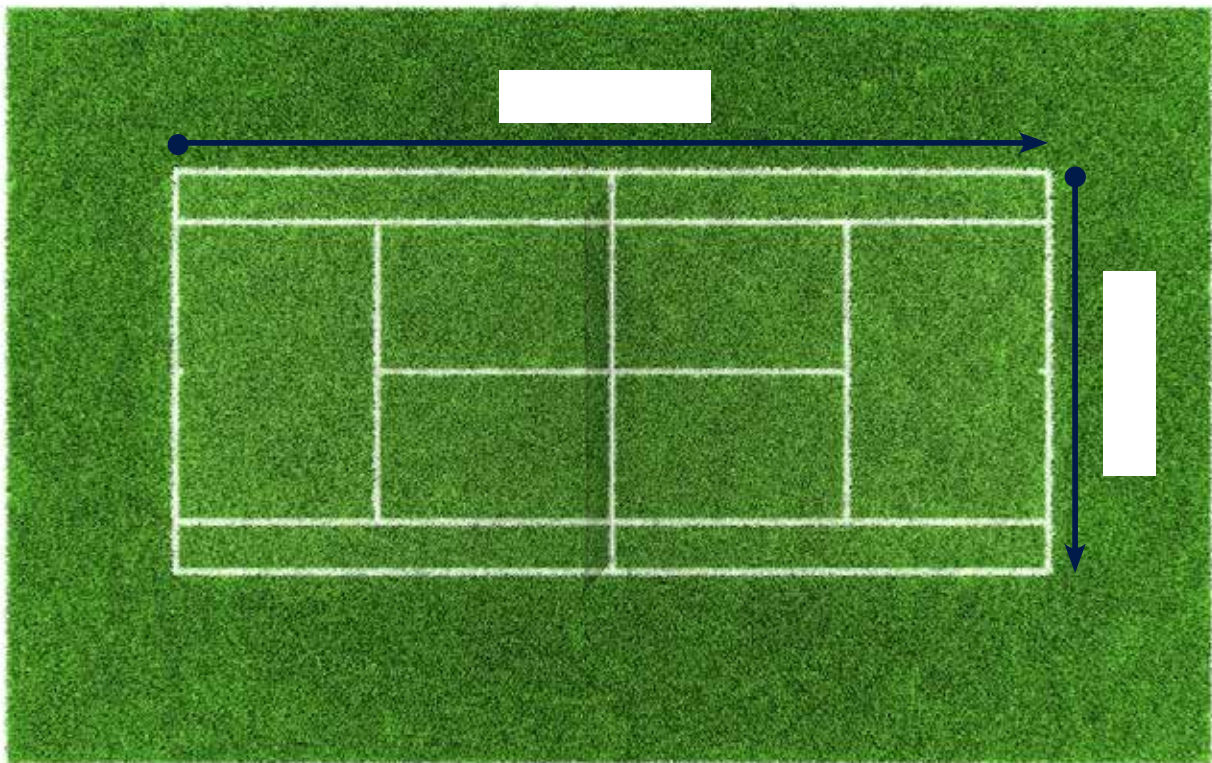
3) In the diagram below, write down the dimensions found as a class.



**► FIND OUT MORE:**

Table tennis became an Olympic sport in 1988 in Seoul, South Korea. France has never won a gold medal in table tennis at the Olympic Games. The last time France won a medal in table tennis was at the 2000 Summer Olympics in Sydney, when Patrick Chila and Jean-Philippe Gatien won bronze in men’s doubles.

4) Write down the standard dimensions of a tennis court.



**► FIND OUT MORE:**

The venue where tennis is played is called a “court”. The net that separates the court into two equal parts is about 91 centimeters high.



## REVIEW

- The perimeter is the length of a shape’s outline.
- Tennis and table tennis (also called “ping-pong”) are racket sports in which two individual players (singles) or two teams of two players (doubles) compete against each other.



## NOW, TAKE ACTION!

- **Learn how to solve a math problem.** First, read the statement carefully and make sure that you know all the words. Use a dictionary if needed. Create a diagram (a basic drawing) to help you work. That way, you can see if you need to add or subtract to solve the problem.



- **You use math without even realizing it.** Whether you do crafts or play sports, knowing how to measure length is a key skill. For example, if you want to cover a shoebox with wrapping paper, you have to cut a strip of paper the same length as... the box's perimeter!
- **Learn how to get along with others.** Other people have a lot to offer, and differences give you an opportunity to think, exchange ideas, laugh, and get help. For example, you can work with a friend if you didn't understand something, or if your friend is the one who needs help. And if you disagree with someone, you can say so—but you can also listen and find a solution that takes both of your opinions into account. Together, we're stronger!



# STUDENT WORKSHEET

6-7 yr | 7-8 yr | 8-9 yr

CYCLE 2 • MATH: DIMENSIONS AND MEASUREMENTS

## PERIMETERS AND TENNIS/TABLE TENNIS



Aa

### VOCABULARY



**TENNIS:** A racket sport in which two individual players (singles) or two teams of two players (doubles) compete against each other.

**TABLE TENNIS:** Also called “ping-pong”, the sport is played like tennis in singles or doubles, but on a table.

**VENUE:** A place or specific area where a sport is played.

**COURT:** The area where tennis games are played; called a “tennis court”.

**SERVICE BOX:** The part of the court where the ball must land for the serve to be correct.



### ACTIVITIES

#### ► ACTIVITY 1: THE PING-PONG TABLE: A MINIATURE TENNIS COURT

6-7 yr | 7-8 yr | 8-9 yr

##### MATERIALS:

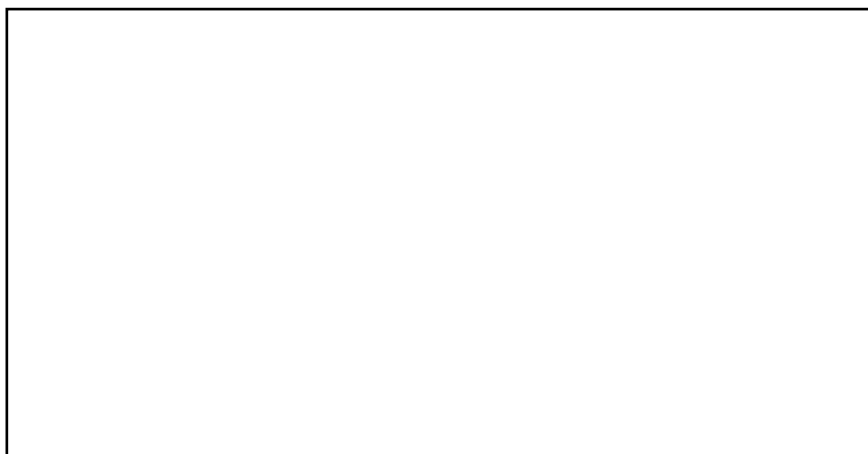
- A ping-pong table.  
One may also be drawn on the playground (e.g., with chalk).

##### SUPPLIES:

- Measuring instruments (ruler, triangle, meter).

Measure and write down a ping-pong table's dimensions.

1) Draw a ping-pong table in the box below.



### TIPS & TRICKS



The best way to solve a math problem is to **carefully read the instructions**—all the answers are in there! To help you understand them, **imagine that you're the one experiencing the situation described**. You can also tell the problem as a story, **in your own words**.



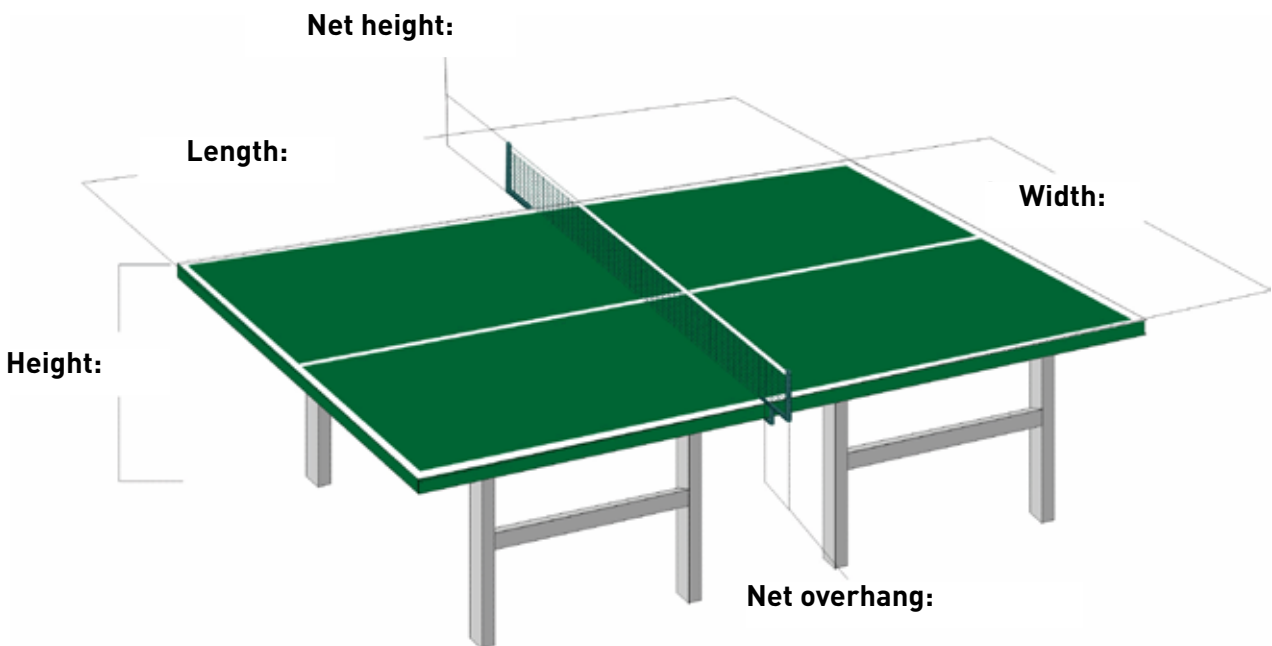
**FIND OUT MORE:**

The term “table tennis” is often used to refer to the competitive sport, while “ping-pong” can be used to refer to the recreational activity. Players are also called “ping-pongers”. The word “ping-pong” comes from the sound the ball makes when it hits the racket (ping) and the table (pong).

2) Record your observations and measurements in the following table.

Observations	Measurements

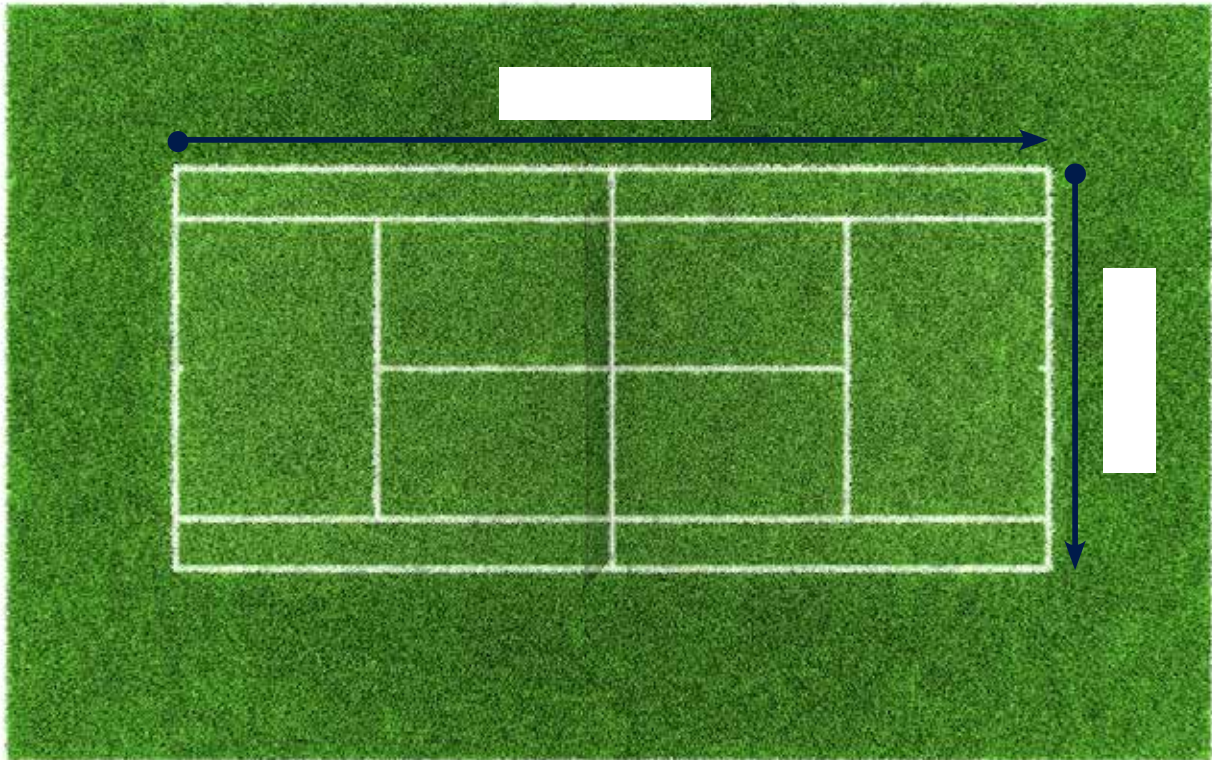
3) In the diagram below, write down the dimensions found as a class.



**FIND OUT MORE:**

Table tennis became an Olympic sport in 1988 in Seoul, South Korea. France has never won a gold medal in table tennis at the Olympic Games. The last time France won a medal in table tennis was at the 2000 Summer Olympics in Sydney, when Patrick Chila and Jean-Philippe Gatien won bronze in men’s doubles.

4) Write down the standard dimensions of a tennis court.



**► FIND OUT MORE:**

The venue where tennis is played is called a “court”. The net that separates the court into two equal parts is about 91 centimeters high.

**► ACTIVITY 2: LINE UP** 6-7 yr | 7-8 yr | 8-9 yr

**MATERIALS:**

- Math notebook, diagram of a tennis court.

**SUPPLIES:**

- A ruler (or triangle).

**Calculate the perimeter of a tennis court by following these steps.**

1) How do you think the length of the outline of a tennis court could be calculated?

– Write your response here:

.....

.....

.....

– What is the length of a shape’s outline called? .....



2) In pairs, calculate the perimeter of a ping-pong table using the measurements found in Activity 1. (For now, choose any method you like.)

.....

.....

.....

Once the teacher has confirmed the correct method, what can you say about yours?  
Was it the right one?

.....

If so, well done!

**Write the formula for calculating a perimeter here.**

.....

3) Now, using the formula and the tennis court diagram, calculate the perimeter of the tennis court.

As you know, a standard tennis court is 23.77 meters long and 8.23 meters wide without the tramlines. Calculate the tennis court's perimeter using these rounded measurements:  
L = 24 m, W = 8 m.

<b>The tennis court's perimeter is ..... m.</b>

**▶ FIND OUT MORE:**

Ping-pong first appeared in the United Kingdom in the late 19th century. Today, the greatest champions come from Asia, especially China. To give you an idea, for the last 28 years at the Olympic Games, the gold medal in women's singles has always been won by a Chinese player. In 2016 in Rio de Janeiro, Brazil, the gold medal in women's singles was won by Ding Ning.



► **ACTIVITY 3: IS THE SERVICE BOX SQUARE?** 6-7 yr | 7-8 yr | 8-9 yr

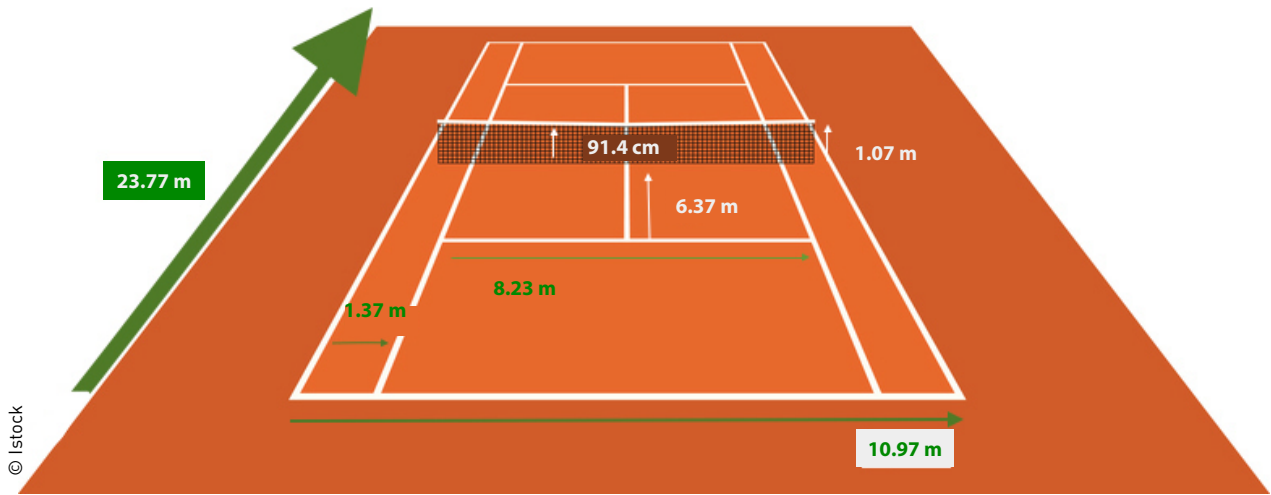
**MATERIALS:**

- Diagram of a tennis court.

**SUPPLIES:**

- Individual dry-erase (or chalk) board.

Look at the tennis court diagram and answer the questions below.



1) Is the service box actually a square?

.....

Why?

.....

.....

2) Based on the rounded measurements given below, what is the service box's perimeter?

- Width: 4 m
- Length: 6 m

.....

.....



3) What should the polygon's measurements be to make it an actual square?

Write your response here:

.....  
.....

4) If you have a square with 6-meter-long sides, what is the perimeter?  
(Work in pairs if needed.)

.....

**Write down the formula for calculating the perimeter of a square.**

.....

► **ACTIVITY 4: RECTANGLES AND PERIMETERS OF A COURT** 6-7 yr | 7-8 yr | 8-9 yr

**MATERIALS:**

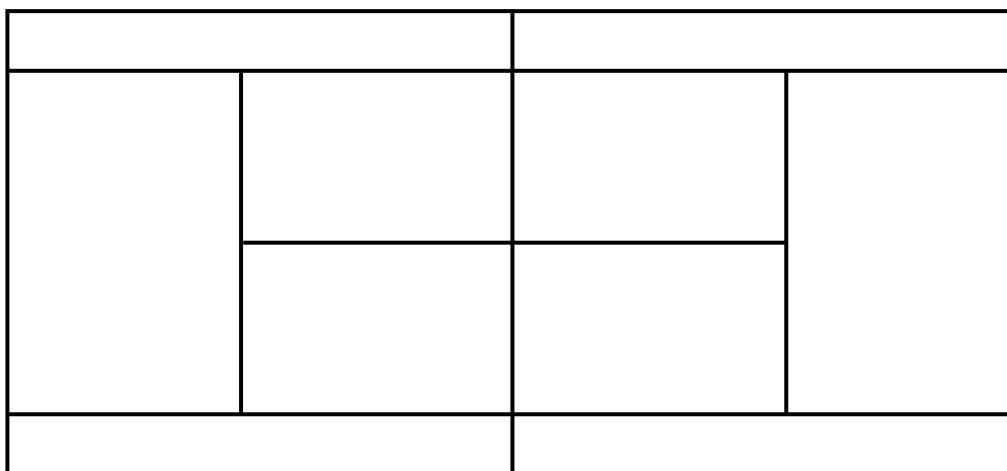
- Image of a tennis court.

**SUPPLIES:**

- An individual dry-erase (or chalk) board, a ruler, a triangle, colored pencils.

**In pairs, calculate the perimeters of several rectangles using the following steps.**

1) Find all the rectangles on this tennis court and color them in different colors.





2) Now select two rectangles and calculate the perimeters.

<b>Rectangle selected:</b>
<b>Calculation:</b>
<b>Result:</b>

<b>Rectangle selected:</b>
<b>Calculation:</b>
<b>Result:</b>

3) Put the colored rectangles in order, from shortest to longest perimeter.

.....

.....

### ► FIND OUT MORE:

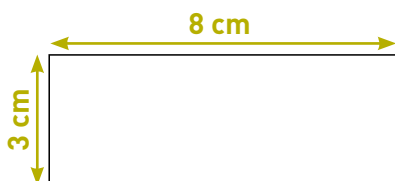
Roger Federer is Swiss. He holds the record for 302 weeks at number one in world rankings, and also set the men's record for 18 Grand Slam titles. He is also a two-time gold medallist for men's singles at the Olympic Games.

In women's tennis, the Williams sisters are two legendary American tennis players. Serena Williams has won over 70 titles in her career!



## REVIEW

- The perimeter is the length of a shape's outline.
- To calculate the perimeter of a shape, add the lengths of all the sides together.



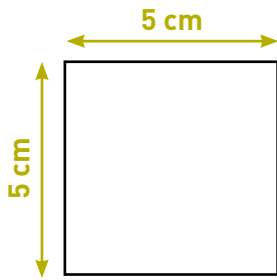
$8 + 3 + 8 + 3 = 22$  cm. The perimeter of the rectangle is 22 cm.

To calculate the perimeter of a rectangle, use this formula as a shortcut:  $P = (L \times 2) + (W \times 2)$  or  $(L + W) \times 2$

Here, you get:  $P = (8 \times 2) + (3 \times 2)$  and  $P = 16 + 6 = 22$  cm



To calculate the perimeter of a square, add the length of all the sides together:



$5 + 5 + 5 + 5 = 20$  cm. The perimeter of the square is 20 cm.

Or just use the formula:

$$P = 4 \times S$$

Here, you get:  $P = 4 \times 5 = 20$  cm

- Tennis and table tennis (also called “ping-pong”) are racket sports in which two individual players (singles) or two teams of two players (doubles) compete against each other.



## NOW, TAKE ACTION!

- **Learn how to solve a math problem.** First, read the statement carefully and make sure that you know all the words. Use a dictionary if needed. Create a diagram (a basic drawing) to help you work. That way, you can see if you need to add or subtract to solve the problem.
- **You use math without even realizing it.** Whether you do crafts or play sports, knowing how to measure length is a key skill. For example, if you want to cover a shoebox with wrapping paper, you have to cut a strip of paper the same length as... the box’s perimeter!
- **Learn how to get along with others.** Other people have a lot to offer, and differences give you an opportunity to think, exchange ideas, laugh, and get help. For example, you can work with a friend if you didn’t understand something, or if your friend is the one who needs help. And if you disagree with someone, you can say so—but you can also listen and find a solution that takes both of your opinions into account. Together, we’re stronger!



# IT'S YOUR TURN!

6-7 yr | 7-8 yr | 8-9 yr

CYCLE 2 • MATH: DIMENSIONS AND MEASUREMENTS

## PERIMETERS AND TENNIS/TABLE TENNIS

### PUT YOUR KNOWLEDGE TO THE TEST

#### 1 ANSWER "TRUE" OR "FALSE":

France won an Olympic gold medal in table tennis in 2016.	
Tennis can be played in teams.	
Table tennis is played on a square table.	

#### 2 WHAT KIND OF SURFACE IS TENNIS PLAYED ON?

- A field                       A green                       A court

#### 3 WHAT IS ANOTHER WORD FOR TABLE TENNIS?

- Ping-pong                       Yin-yang                       Bong-bong

#### 4 WHAT IS ANOTHER WORD FOR A PERSON WHO PLAYS PING-PONG?

- A ping-ponger                       A polo player                       A paddler

#### 5 WHAT IS IN THE MIDDLE OF THE SURFACE WHERE TENNIS OR TABLE TENNIS IS PLAYED?

- Some string                       A net                       A fence

### TEST YOUR KNOWLEDGE FURTHER

#### 1 WHAT IS ANOTHER WORD FOR A PERSON WHO PLAYS TENNIS?

- A gymnast                       A tennis player                       A racket player

#### 2 FROM WHICH SPORT DID TENNIS ORIGINATE?

- Jeu de paume                       Squash                       Baseball

#### 3 WHICH OF THE FOLLOWING PLAYERS IS FRENCH?

- Roger Federer                       Novak Djokovic                       Jo-Wilfried Tsonga





# IT'S YOUR TURN!

6-7 yr 7-8 yr 8-9 yr

CYCLE 2 • MATH: DIMENSIONS AND MEASUREMENTS

## PERIMETERS AND TENNIS/TABLE TENNIS

### PUT YOUR KNOWLEDGE TO THE TEST

#### 1 WHAT KIND OF SURFACE IS TENNIS PLAYED ON?

- A field                       A green                       A court

#### 2 WHAT IS ANOTHER WORD FOR TABLE TENNIS?

- Ping-pong                       Yin-yang                       Bong-bong

#### 3 WHAT IS ANOTHER WORD FOR A PERSON WHO PLAYS PING-PONG?

- A ping-ponger                       A polo player                       A paddler

#### 4 WHAT IS IN THE MIDDLE OF THE SURFACE WHERE TENNIS OR TABLE TENNIS IS PLAYED?

- Some string                       A net                       A fence

#### 5 WHICH COUNTRY HAS A VIRTUALLY UNBEATABLE RECORD IN WOMEN'S TABLE TENNIS?

- China                       Japan                       South Korea

### TEST YOUR KNOWLEDGE FURTHER

#### 1 WHAT IS ANOTHER WORD FOR A PERSON WHO PLAYS TENNIS?

- A gymnast                       A tennis player                       A racket player

#### 2 FROM WHICH SPORT DID TENNIS ORIGINATE?

- Jeu de paume                       Squash                       Baseball

#### 3 WHICH OF THE FOLLOWING PLAYERS IS FRENCH?

- Roger Federer                       Novak Djokovic                       Jo-Wilfried Tsonga

#### 4 WHAT IS THE OFFICIAL COLOR OF A TENNIS BALL?

- Green                       Yellow                       Orange

#### 5 WHICH PLAYER HAD THE BEST CAREER RECORD IN 2017?

- Serena Williams                       Venus Williams                       Maria Sharapova





# IT'S YOUR TURN! ANSWER KEY

6-7 yr 7-8 yr 8-9 yr

CYCLE 2 • MATH: DIMENSIONS AND MEASUREMENTS

## PERIMETERS AND TENNIS/TABLE TENNIS

### PUT YOUR KNOWLEDGE TO THE TEST

#### 1 ANSWER "TRUE" OR "FALSE":

France won an Olympic gold medal in table tennis in 2016.	False
Tennis can be played in teams.	True
Table tennis is played on a square table.	False

#### 2 WHAT KIND OF SURFACE IS TENNIS PLAYED ON?

- A field                       A green                       A court

#### 3 WHAT IS ANOTHER WORD FOR TABLE TENNIS?

- Ping-pong                       Yin-yang                       Bong-bong

#### 4 WHAT IS ANOTHER WORD FOR A PERSON WHO PLAYS PING-PONG?

- A ping-ponger                       A polo player                       A paddler

#### 5 WHAT IS IN THE MIDDLE OF THE SURFACE WHERE TENNIS OR TABLE TENNIS IS PLAYED?

- Some string                       A net                       A fence

### TEST YOUR KNOWLEDGE FURTHER

#### 1 WHAT IS ANOTHER WORD FOR A PERSON WHO PLAYS TENNIS?

- A gymnast                       A tennis player                       A racket player

#### 2 FROM WHICH SPORT DID TENNIS ORIGINATE?

- Jeu de paume                       Squash                       Baseball

#### 3 WHICH OF THE FOLLOWING PLAYERS IS FRENCH?

- Roger Federer                       Novak Djokovic                       Jo-Wilfried Tsonga



**4 WHAT IS THE OFFICIAL COLOR OF A TENNIS BALL?**

Green

Yellow

Orange

**5 WHICH PLAYER HAD THE BEST CAREER RECORD IN 2017?**

Serena Williams

Venus Williams

Maria Sharapova



# IT'S YOUR TURN! ANSWER KEY

6-7 yr | 7-8 yr | 8-9 yr

CYCLE 2 • MATH: DIMENSIONS AND MEASUREMENTS

## PERIMETERS AND TENNIS/TABLE TENNIS

### PUT YOUR KNOWLEDGE TO THE TEST

#### 1 WHAT KIND OF SURFACE IS TENNIS PLAYED ON?

- A field                       A green                       A court

#### 2 WHAT IS ANOTHER WORD FOR TABLE TENNIS?

- Ping-pong                       Yin-yang                       Bong-bong

#### 3 WHAT IS ANOTHER WORD FOR A PERSON WHO PLAYS PING-PONG?

- A ping-ponger                       A polo player                       A paddler

#### 4 WHAT IS IN THE MIDDLE OF THE SURFACE WHERE TENNIS OR TABLE TENNIS IS PLAYED?

- Some string                       A net                       A fence

#### 5 WHICH COUNTRY HAS A VIRTUALLY UNBEATABLE RECORD IN WOMEN'S TABLE TENNIS?

- China                       Japan                       South Korea

### TEST YOUR KNOWLEDGE FURTHER

#### 1 WHAT IS ANOTHER WORD FOR A PERSON WHO PLAYS TENNIS?

- A gymnast                       A tennis player                       A racket player

#### 2 FROM WHICH SPORT DID TENNIS ORIGINATE?

- Jeu de paume                       Squash                       Baseball

#### 3 WHICH OF THE FOLLOWING PLAYERS IS FRENCH?

- Roger Federer                       Novak Djokovic                       Jo-Wilfried Tsonga

#### 4 WHAT IS THE OFFICIAL COLOR OF A TENNIS BALL?

- Green                       Yellow                       Orange

#### 5 WHICH PLAYER HAD THE BEST CAREER RECORD IN 2017?

- Serena Williams                       Venus Williams                       Maria Sharapova