

# IDENTIFY & FIND PERIMETER & AREA



INCLUDES GOOGLE SLIDES



*These worksheets are perfect for students who:*

- Has an intellectual disability*
- is an early or non-reader*
- lacks prerequisite skills*
- benefits from picture support*
- takes alternative assessments*

# Table of Contents

Worksheet pages	Activity
4-8	Group Activity 1 (Perimeter)
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Also included in this resource as separate files:

- Lesson plan
- Links and directions to digital activities
- PowerPoints (these are the books in the lesson plans)
- Activities in black and white

*This unit contains printable and digital activities. There is a lot of repetition and opportunities for students to practice. The problems are also spaced out to decrease distractions.*

*These activities are in 2 separate files, one in color and one in black and white.*

## Day 3-5

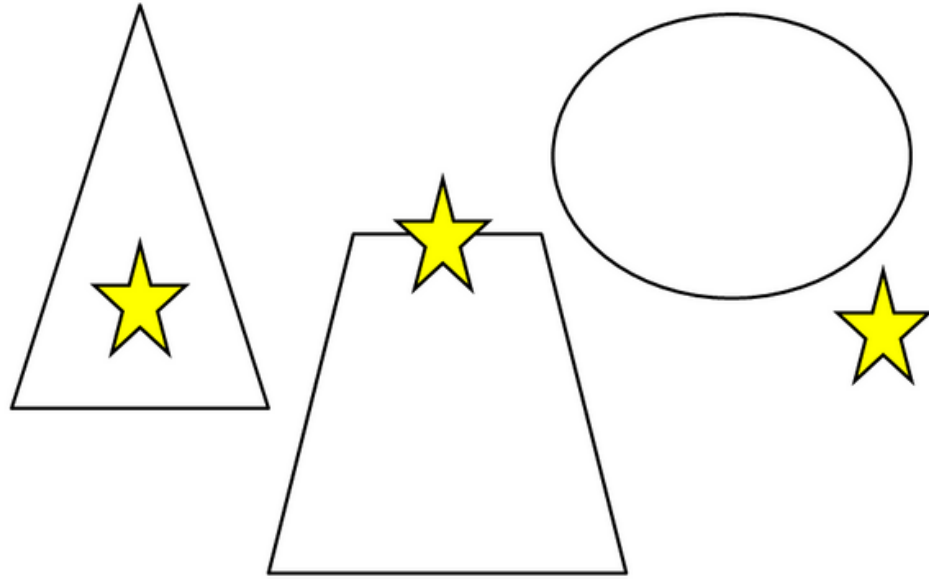
Activity	Notes	Materials
Read or listen to the movie version of <b>Perimeter book</b> (10 minutes)	<ul style="list-style-type: none"><li>• Read through the story, asking lots of questions</li><li>• Continue to make connections between book and previous knowledge</li></ul>	<ul style="list-style-type: none"><li>• Book</li></ul>
Group Activity 2: Finding Perimeter (15 minutes)	<ul style="list-style-type: none"><li>• Students will practice measuring the perimeter of various objects in the classroom</li><li>• See activity for complete directions and suggestions</li></ul>	<ul style="list-style-type: none"><li>• Recording sheet</li><li>• Objects</li><li>• Tape measure</li></ul>
Perimeter worksheets (10 minutes)	<ul style="list-style-type: none"><li>• There are 10 worksheets in this set to do over the next 5 days<ul style="list-style-type: none"><li>○ The first 5 worksheets reinforce identifying where the perimeter of a shape is located</li><li>○ The second 5 worksheets have students calculate the perimeter of a shape given the length of each side.</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Worksheets</li><li>• Pencils</li><li>• Calculator</li></ul>
Sharing (10 minutes)	<ul style="list-style-type: none"><li>• Each student shares their finished worksheet with the group using the communication method of their choice</li></ul>	<ul style="list-style-type: none"><li>• Completed worksheets</li><li>• Communication devices</li></ul>

10 days

The lesson plans contain:

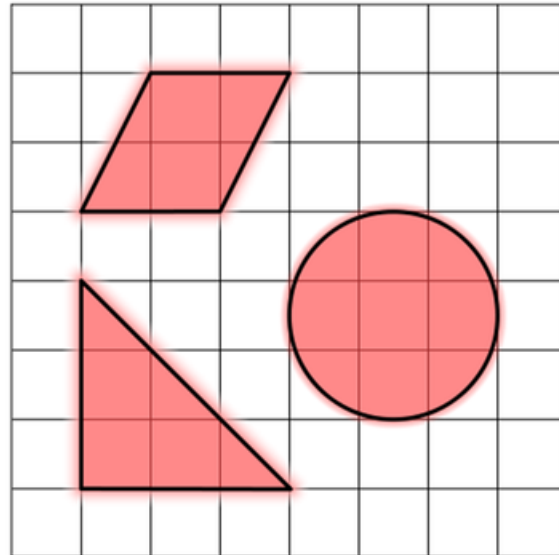
- Overall tips for teaching students with significant needs
- A quick look at what you will do each day
- Detailed instructions on how that day's lesson should run

Which shape has a star on its perimeter?



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The area tells us how much is **covered** by an object.



©Christa Joy, SNSK

There are 2 books in this unit. Each one has simple text and photos. They reinforce the concept of understanding and finding the perimeter and area of simple shapes.

Each book also comes in a PowerPoint version and movie (mp4) file that you use rather than printing it out.

## Finding Perimeter Group Activity



- Make enough copies of the perimeter recording sheet for each student
- Students then choose an object from either the classroom or set provided by teacher
  - Using a flexible measuring tape, and help from the teacher, measure around the edge of the object chosen
  - *Make sure students are assisting in reading the measuring tape*
- Record the object and the perimeter on the recording sheet.


The Picture Communication Worldwide. Used with permission.

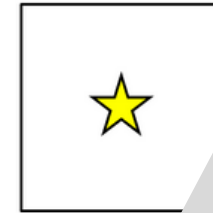
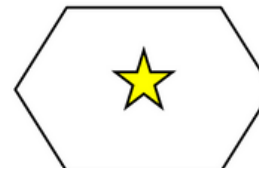
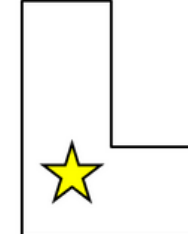
Name: \_\_\_\_\_

### Perimeter recording sheet

Object 1  Perimeter = 

Object 2  Perimeter = 

Object 3  Perimeter = 



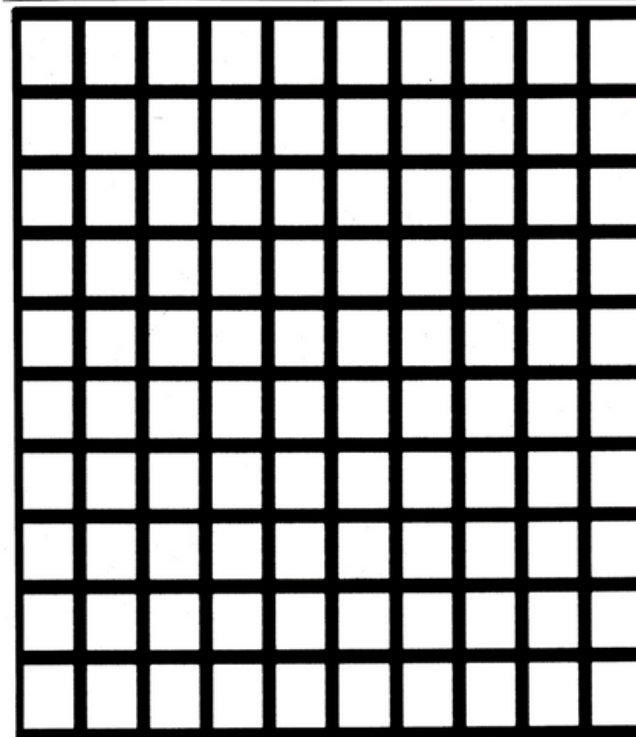
Christa Joy  
Special Needs for Special Kids  
with permission.

Print grid on cardstock and laminate. Using dry erase markers, color in shapes so students can practice finding area in small groups.

## Finding Area Group Activity



- The following blank grid should be copied onto cardstock and laminated
- Make enough copies of the area recording sheet for each student
- Students then choose an object from either the classroom or set provided by teacher
  - Trace object on grid using a dry erase marker
  - Color in the squares to count to determine the area
- Record the object and the area on the recording sheet.



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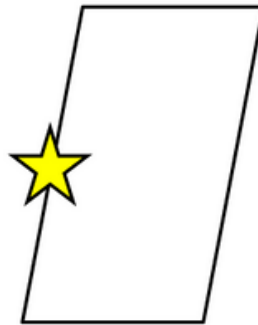
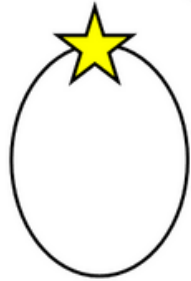
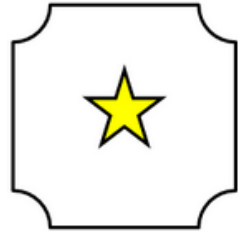
Christa Joy, Special Needs for Special Kids

Each book comes with a group activity. The perimeter activities also include 24 flash cards.

Name: \_\_\_\_\_



Color or circle the shapes that have a star on the perimeter.

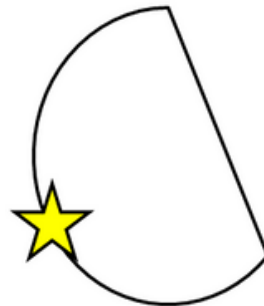
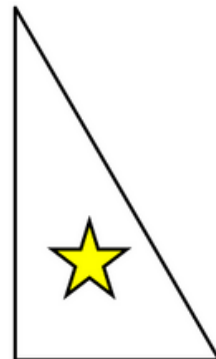
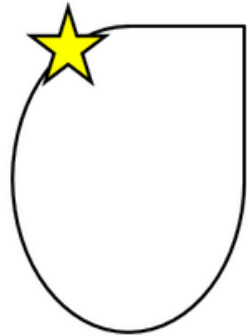


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Name: \_\_\_\_\_



Color or circle the shapes that have a star on the perimeter.



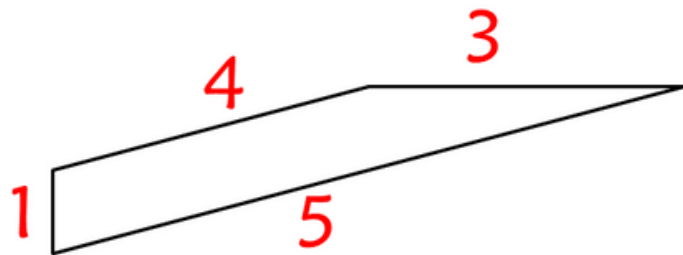
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There are 5 worksheets where students identify the perimeter of shapes.

Name: \_\_\_\_\_



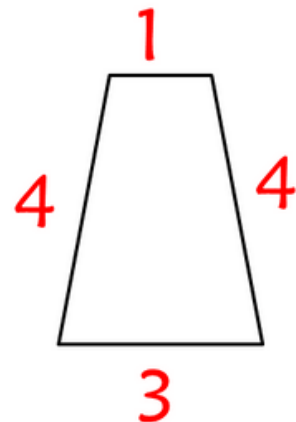
Perimeter =



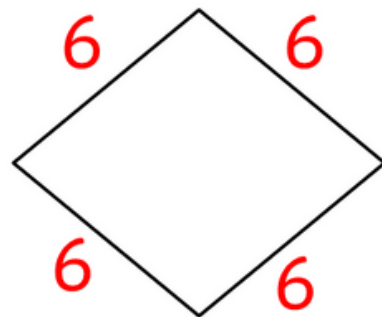
Perimeter =

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Name: \_\_\_\_\_



Perimeter =



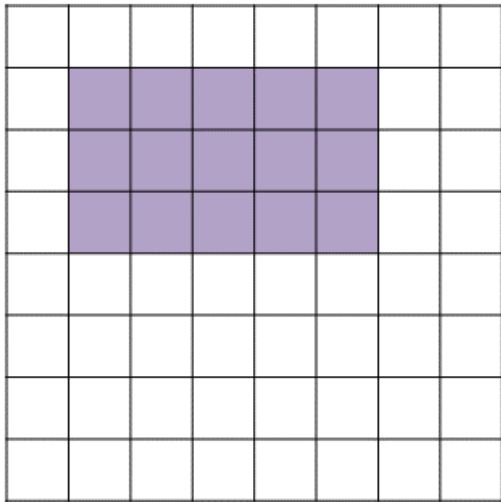
Perimeter =

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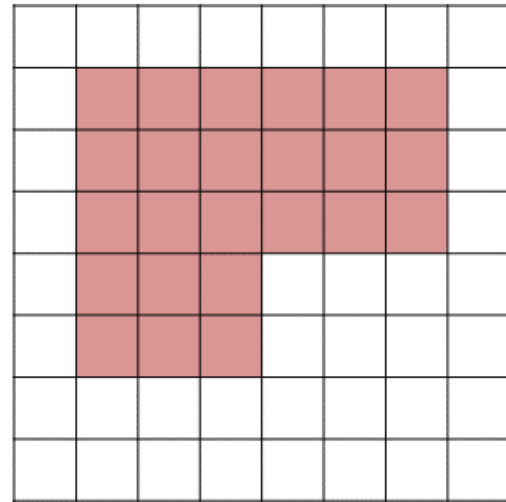
There are 5 worksheets where students calculate the perimeter.



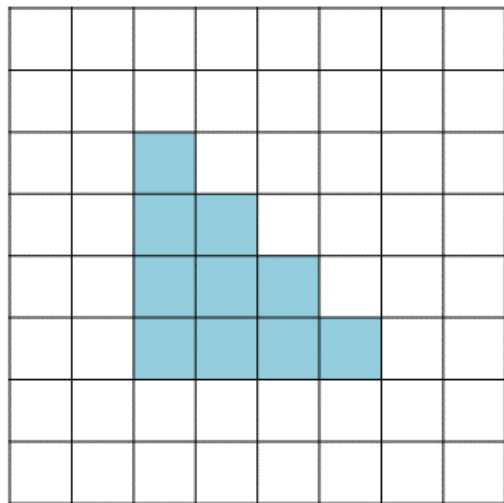
Count the squares to determine the area of each shape.



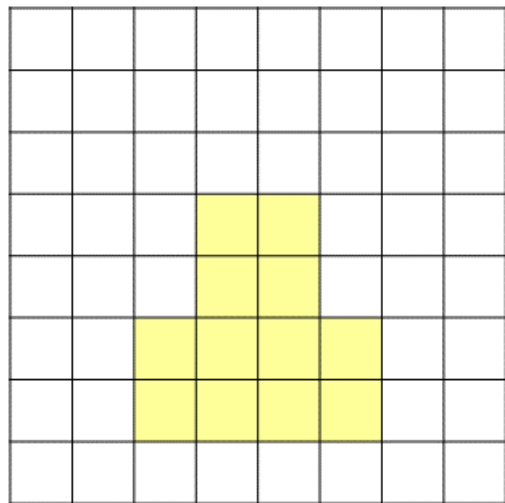
Area: \_\_\_\_\_



Area: \_\_\_\_\_



Area: \_\_\_\_\_



Area: \_\_\_\_\_

There are 5 worksheets where students calculate the area by counting the number of squares covered.

Determine the area of each shape using the formula  $L \times W$ . You can count the number of square to double check your answer.



L


W

Area =  $L \times W$

L = 2

W = 2

Area: \_\_\_\_\_

L


W

Area =  $L \times W$

L = 5

W = 2

Area: \_\_\_\_\_

There are 5 worksheets where students calculate the area using a calculator.

## Perimeter and Area Quiz

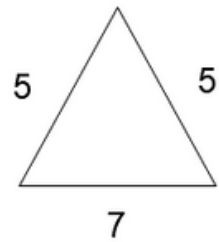
1. Circle the shape with the ★ on the perimeter.



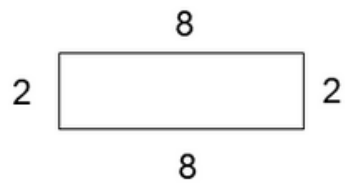
2. Circle the shape with the ★ on the perimeter.



3. Using a calculator, determine the perimeter of the following shapes.



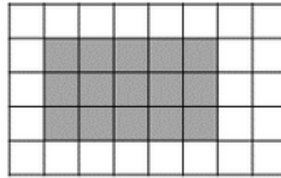
Perimeter =



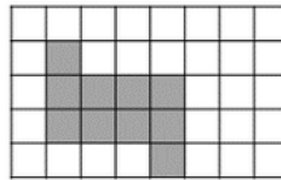
Perimeter =

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4. Count the squares and determine the area of the following shapes.

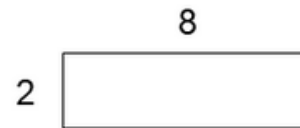


Area =



Area =

5. Using a calculator, calculate the area of the following shapes.

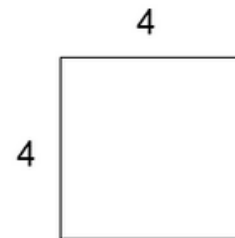


Area =  $L \times W$

$L = 8$

$W = 2$

Area =



Area =  $L \times W$

$L = 4$

$W = 4$

Area =

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There is a quiz to use at the end of the unit.

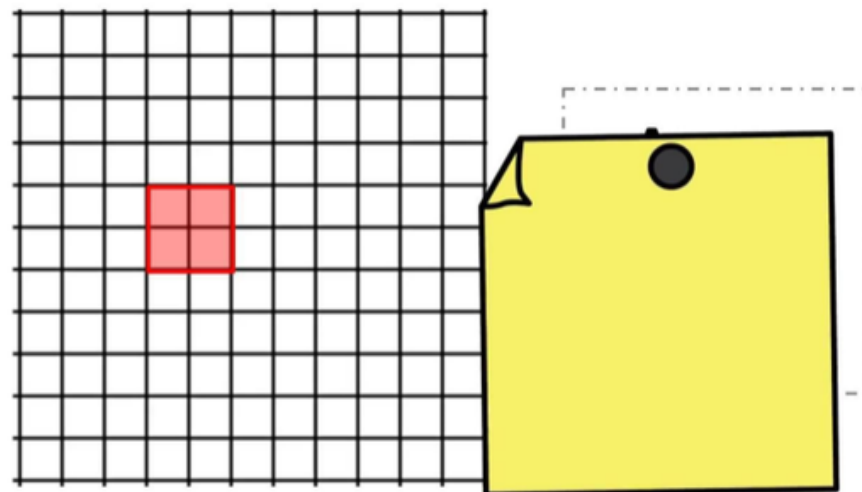
## Finding Perimeter



By  
Christa Joy

Watch the movie  
on Finding  
Perimeter

Count how many squares it covers.



Christa Joy, Special Needs for Special Kids

Watch the movie  
on Finding Area

There are also digital versions of the printable activities included in this unit. There is a movie version of both books that is narrated and animated.



Find the equation for the perimeter of each object.

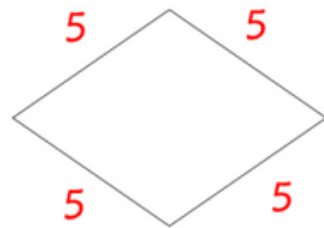
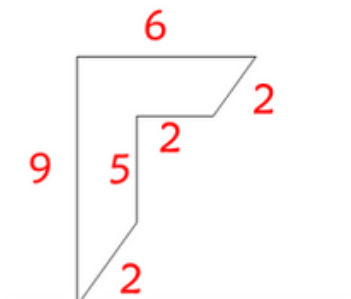
$$9+6+2+2+5+2$$

$$9+2+9+2$$

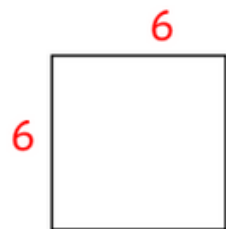
$$1+4+3+5$$

$$5+5+5+5$$

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Area =

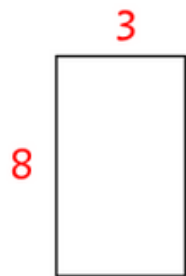


Area =

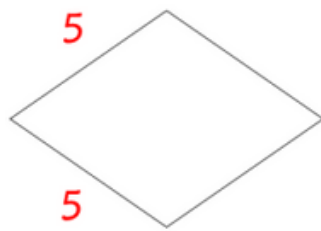
Using a calculator, find the area of each object.  
Type the answer in the blue box.

Remember:

Area: length x width



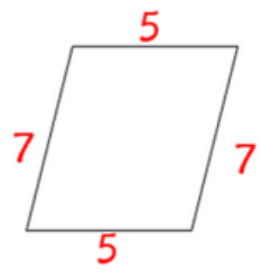
Area =



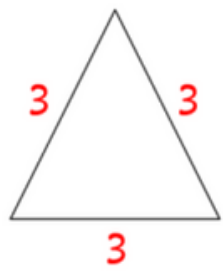
Area =

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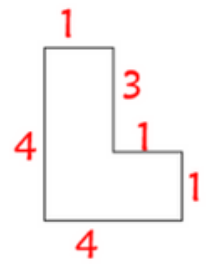
Each activity is set up so students can click and drag answers. There is a small amount of typing in answers in the regular set of slides.



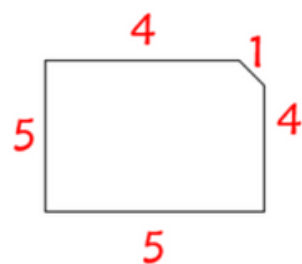
Perimeter =



Perimeter =



Perimeter =



Perimeter =

Calculate the perimeter of each object.

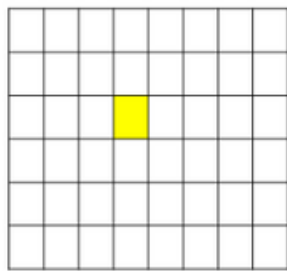
14

24

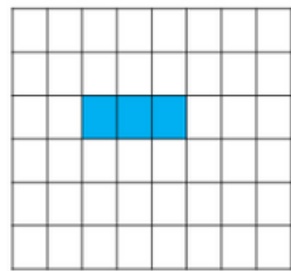
19

9

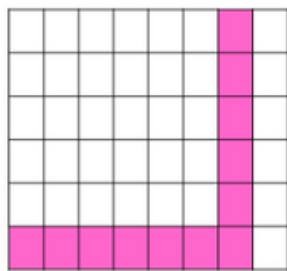
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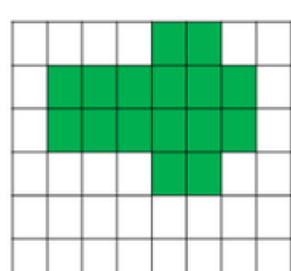
Area =



Area =



Area =



Area =

Record the area of each object.

1

16

3

12

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The second set of slides uses color for differentiation and extra support for students who may need it. Mix and match slides from both sets to make the perfect set for each student.

*This resource comes in a zipped folder. You will need to unzip the folder to access all the contents which include:*

- *Perimeter and Area activities in color*
- *Perimeter and Area activities in black and white*
- *Voice-recorded PowerPoint shows*
- *Finding Perimeter book (PowerPoint) to use with activities*
- *Finding Area book (PowerPoint) to use with activities*
- *Links and directions to digital activities*