

FINDING PERIMETER & AREA



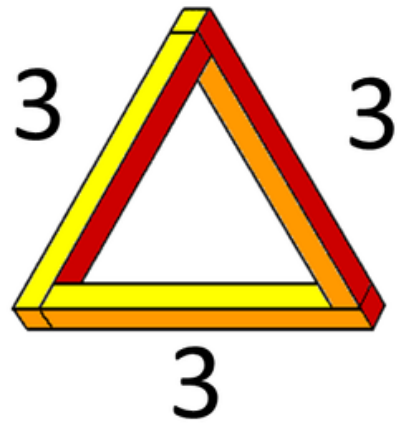
INCLUDES GOOGLE SLIDES



This unit was created with this guy in mind. He has autism and an intellectual disability. He is a non-reader, can count to 20, but still struggles with a most basic math skills. With some support he is able to do this unit and enjoys the challenge. He is my tester!!

Perimeter & Area Unit

By
Christa Joy
Special Needs for Special Kids



1

Table of Contents

Worksheet pages	Title
4-21	Perimeter activities and worksheets
22-37	Area activities and worksheets
38-39	Terms of Use

Also included in this resource as separate files:

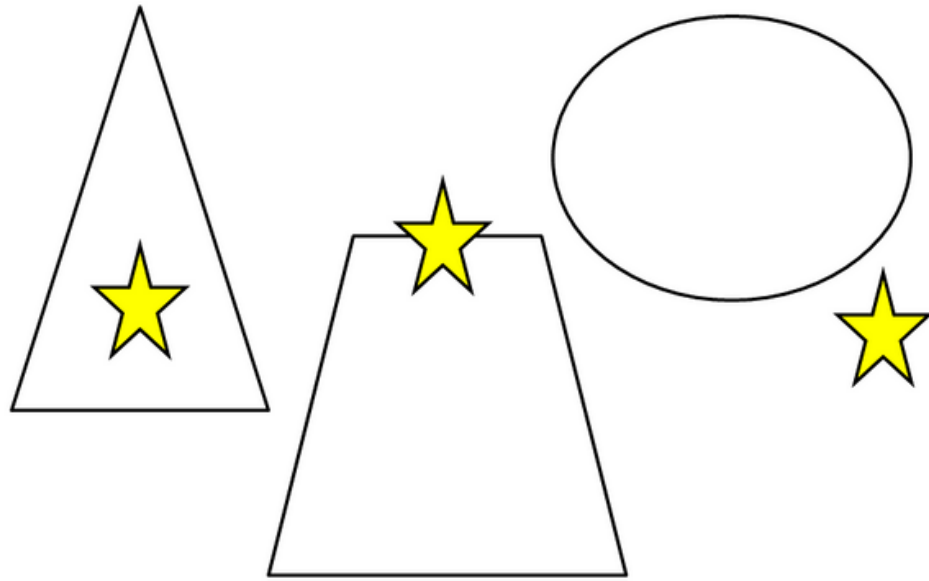
- Links and directions to digital activities
- PowerPoints (these are the books in the lesson plans)
- Activities in black and white

2

This unit contains over 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.

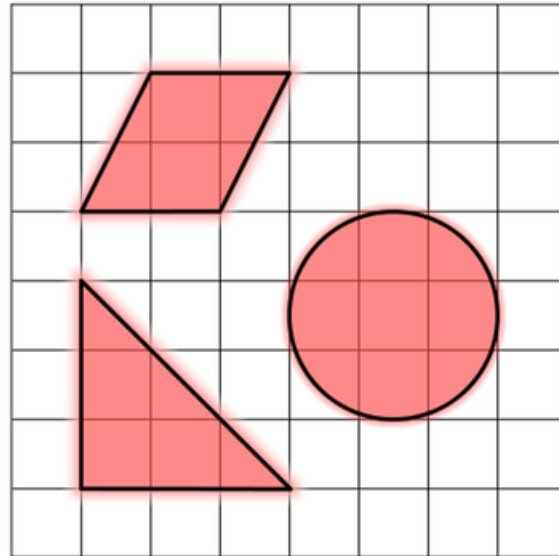
These activities are in 2 separate files, one in color and one in black and white.

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.

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Name: _____

Perimeter recording sheet

Object 1



Perimeter =

Object 2

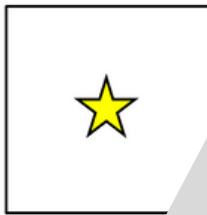
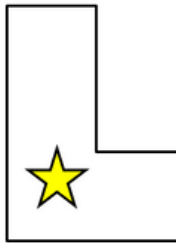
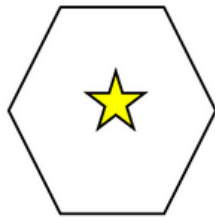


Perimeter =

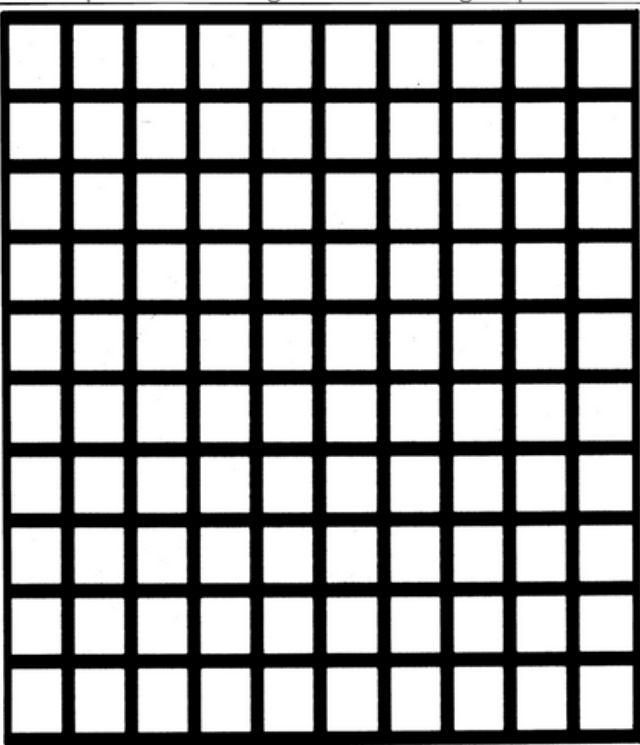
Object 3



Perimeter =



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



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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.

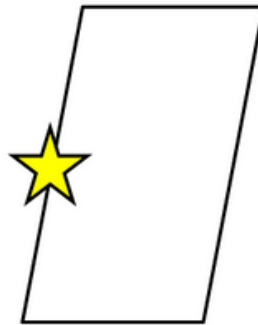
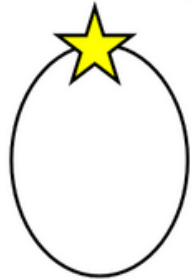
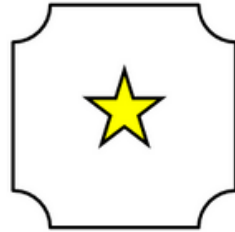
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Each book comes with a group activity. The perimeter activities also include 24 flash cards.

Name: _____



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

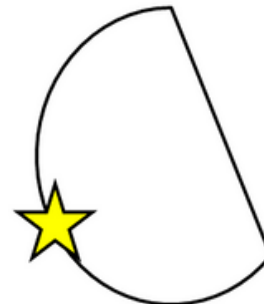
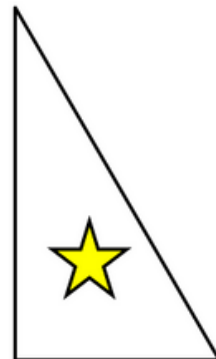
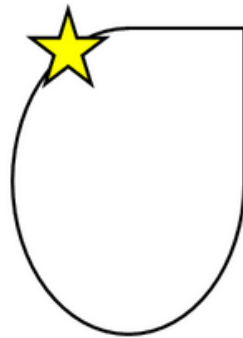


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Name: _____



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



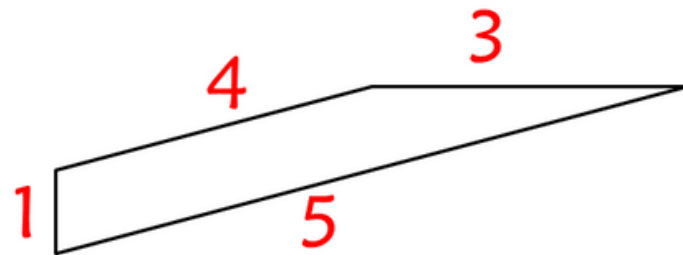
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There are 5 worksheets where students identify the perimeter of shapes.

Name: _____



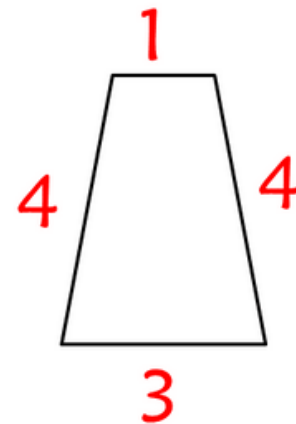
Perimeter =



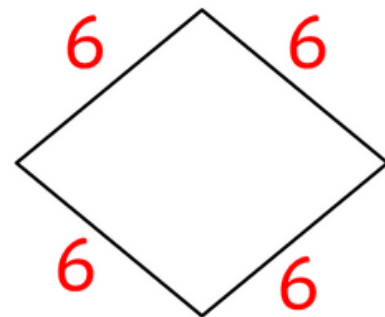
Perimeter =

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Name: _____



Perimeter =

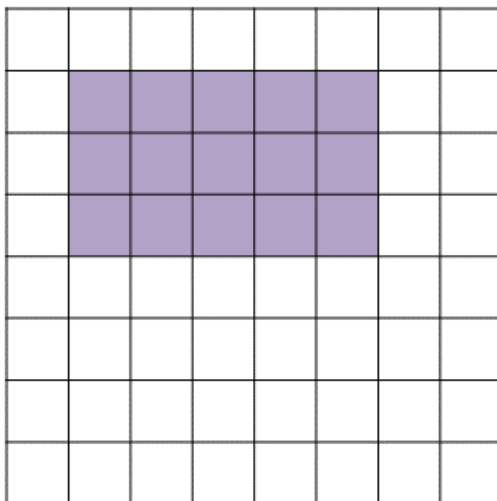


Perimeter =

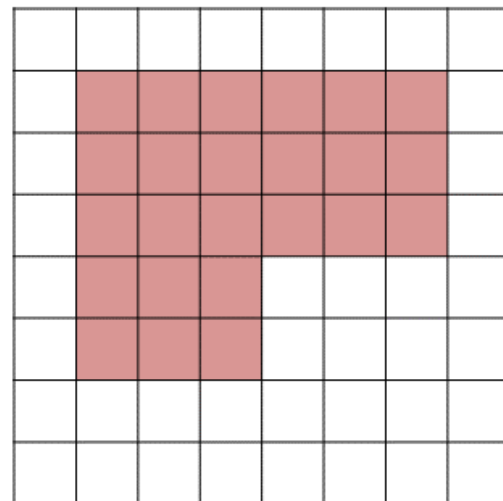
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There are 5 worksheets where students calculate the perimeter.

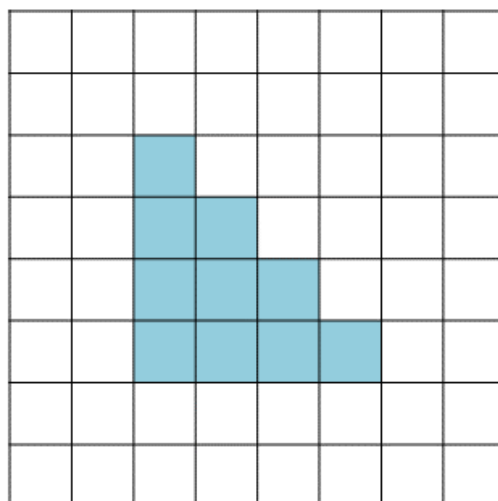
Count the squares to determine the area of each shape.



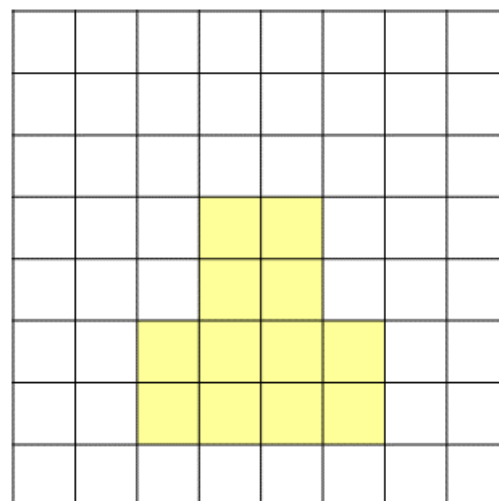
Area: _____



Area: _____



Area: _____

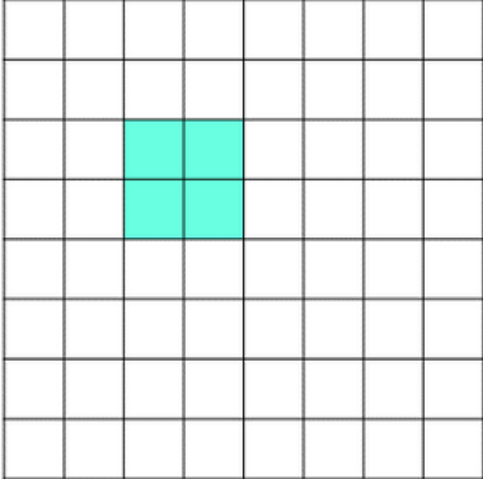


Area: _____

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

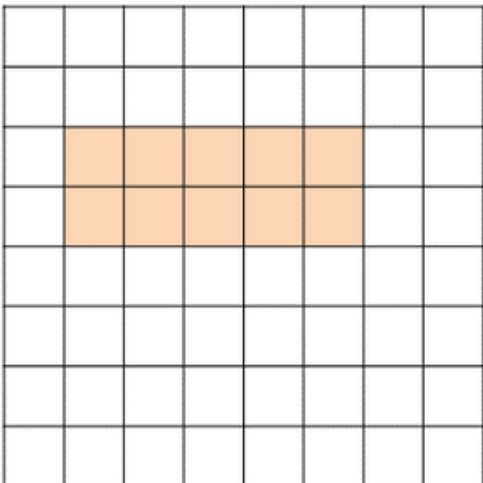
Area = $L \times W$

$L = 2$

$W = 2$

Area: _____

L



W

Area = $L \times W$

$L = 5$

$W = 2$

Area: _____



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

Watch the movie
on Finding
Perimeter

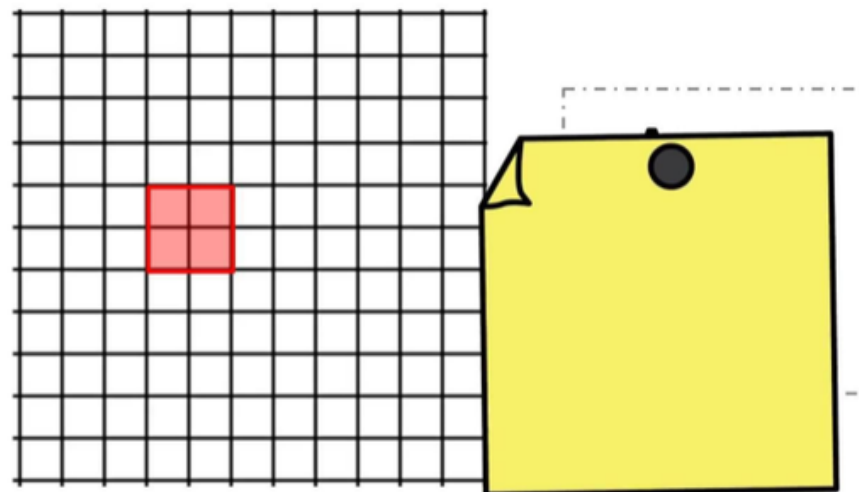
Finding Perimeter



By
Christa Joy

Watch the movie
on Finding Area


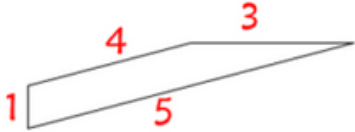
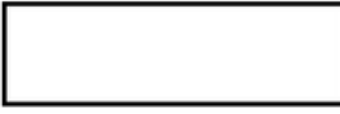
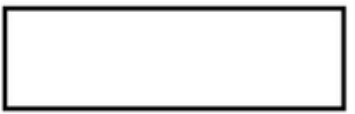
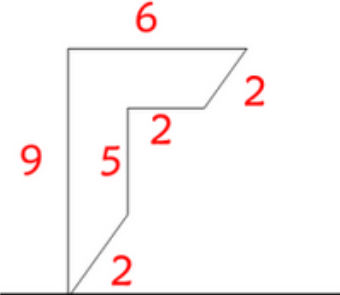
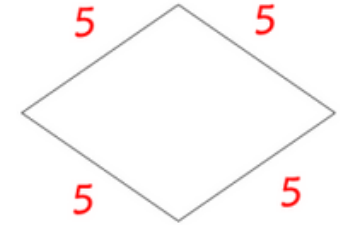

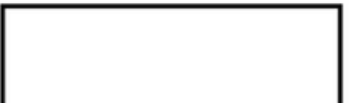
Count how many squares it covers.



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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.

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

$9+2+9+2$


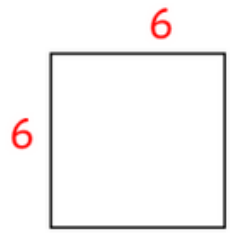
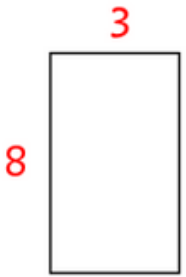
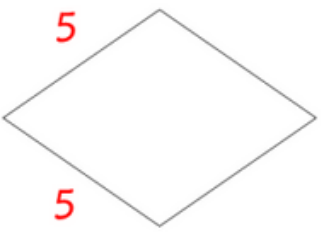
$1+4+3+5$

$5+5+5+5$

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

Remember:
Area: length x width

 <p>Area = <input style="border: 1px solid blue;" type="text"/></p>	 <p>Area = <input style="border: 1px solid blue;" type="text"/></p>
 <p>Area = <input style="border: 1px solid blue;" type="text"/></p>	 <p>Area = <input style="border: 1px solid blue;" type="text"/></p>

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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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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.

Area =

Area =

Area =

Area =

Record the area of each object.

1

16

3

12

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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**