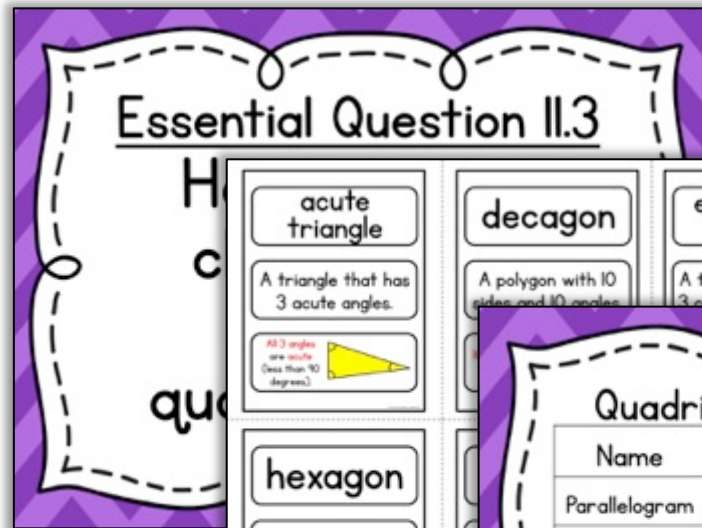


GO MATH

CHAPTER II

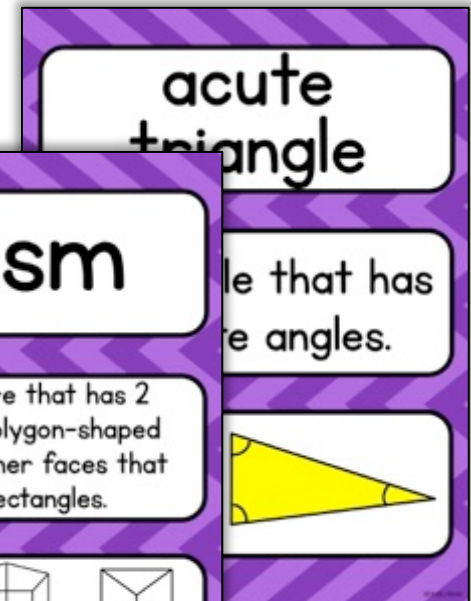
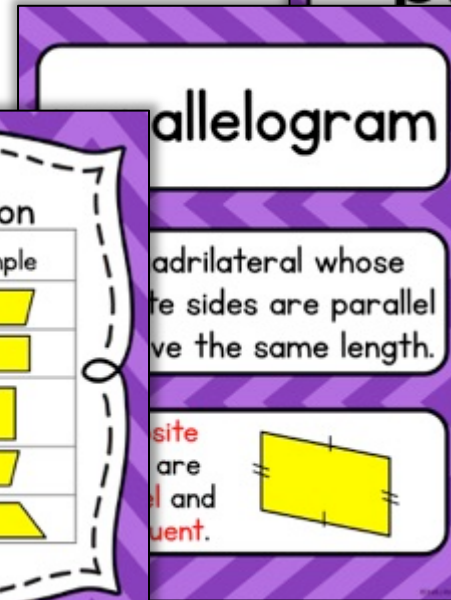
Geometry and Volume

5th
GRADE



Quadrilateral Classification

Name	Properties	Example
Parallelogram	opposite sides are parallel and congruent	
Rectangle	parallelogram with 4 right angles	
Square	parallelogram with 4 congruent sides and 4 right angles	
Rhombus	parallelogram with 4 congruent sides	
Trapezoid	Exactly 1 pair of parallel sides	



Vocabulary Posters • Example Posters • “I Can” Posters
Essential Question Posters • Student Journal Pages

ABOUT THIS RESOURCE:



This helpful packet was created to make the implementation of Fifth Grade Go Math a little easier and less overwhelming for teachers! It includes all the visual reinforcements you need to supplement your Go Math lessons.

This Chapter Eleven resource is color-coded to align visually with your students' Go Math books! All other chapters are color-coded, as well:

Chapters 1-5: Fluency with Whole Numbers and Decimals >>> BLUE

Chapters 6-8: Operations with Fractions >>> GREEN

Chapters 9-11: Geometry and Measurement >>> VIOLET

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

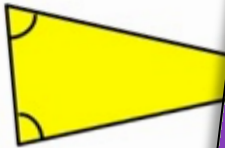
VOCABULARY POSTERS

5th
GRADE

acute
triangle

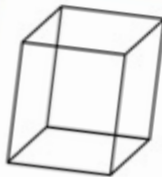
A triangle that has
3 acute angles.

All 3 angles
are **acute**
(less than 90
degrees).



prism

A solid figure that has 2
congruent, polygon-shaped
bases, and other faces that
are all rectangles.

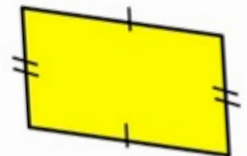


prisms

parallelogram

A quadrilateral whose
opposite sides are parallel
and have the same length.

Opposite
sides are
parallel and
congruent.



KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

ESSENTIAL QUESTION POSTERS

5th
GRADE

Essential Question 11.3

How can
classify
comp
quadrilat

Essential Question 11.7

How can you use
unit cubes to find
the volume of a
rectangular prism?

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

EXAMPLE POSTERS

5th
GRADE

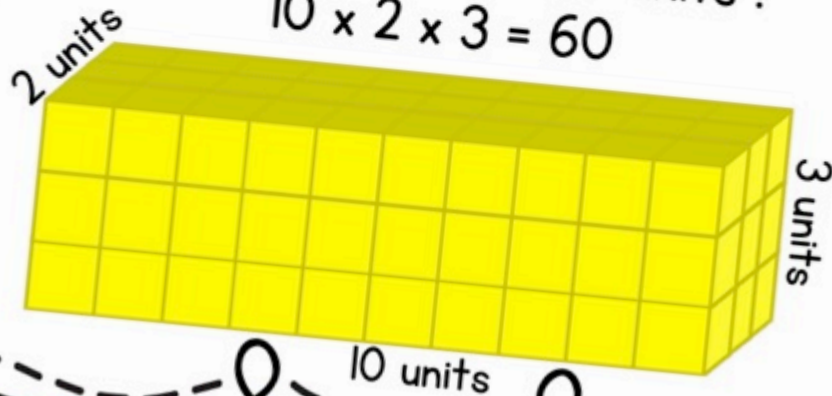
Quadrilateral Classification

Name	Properties
Parallelogram	opposite sides are parallel and congruent
Rectangle	parallelogram with 4 right angles
Square	parallelogram with 4 congruent sides 4 right angles
Rhombus	parallelogram with 4 congruent sides
Trapezoid	Exactly 1 pair of parallel sides

Rectangular Prism Volume

This figure has a volume of 60 cubic units or 60 units³.

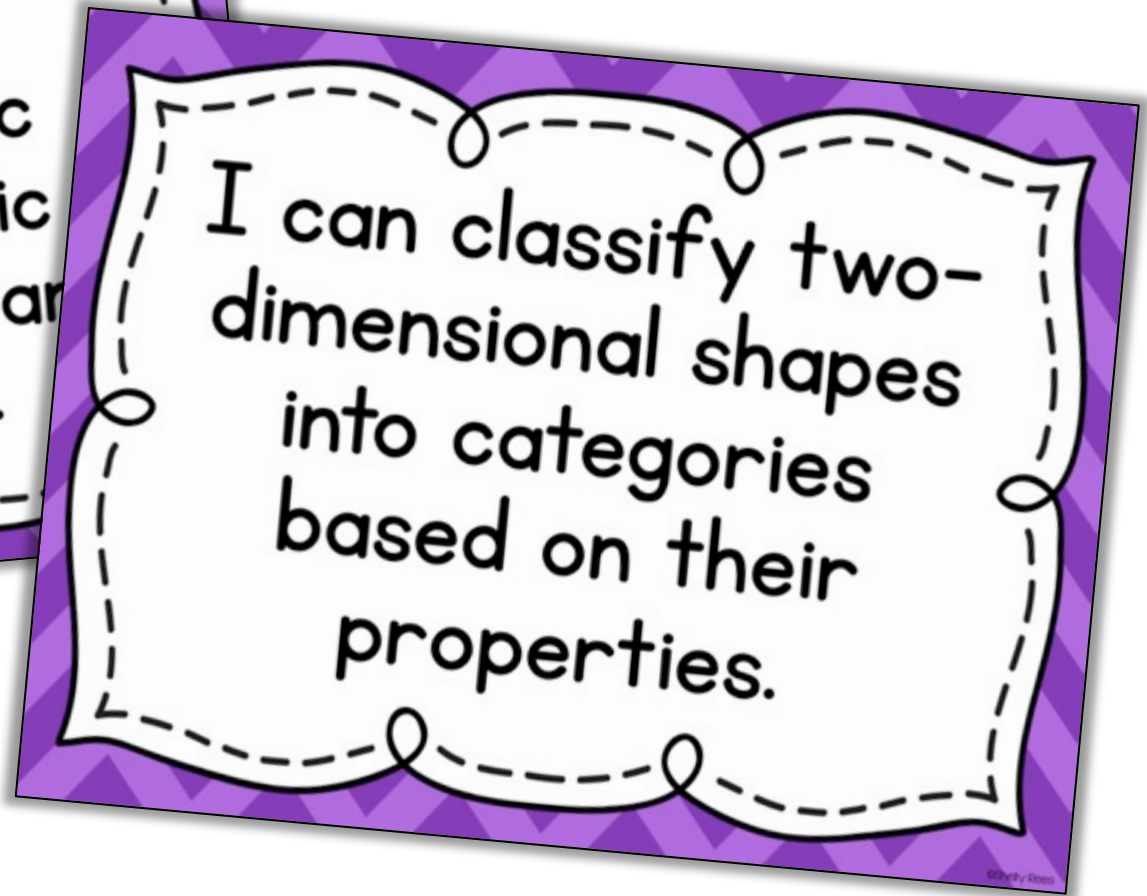
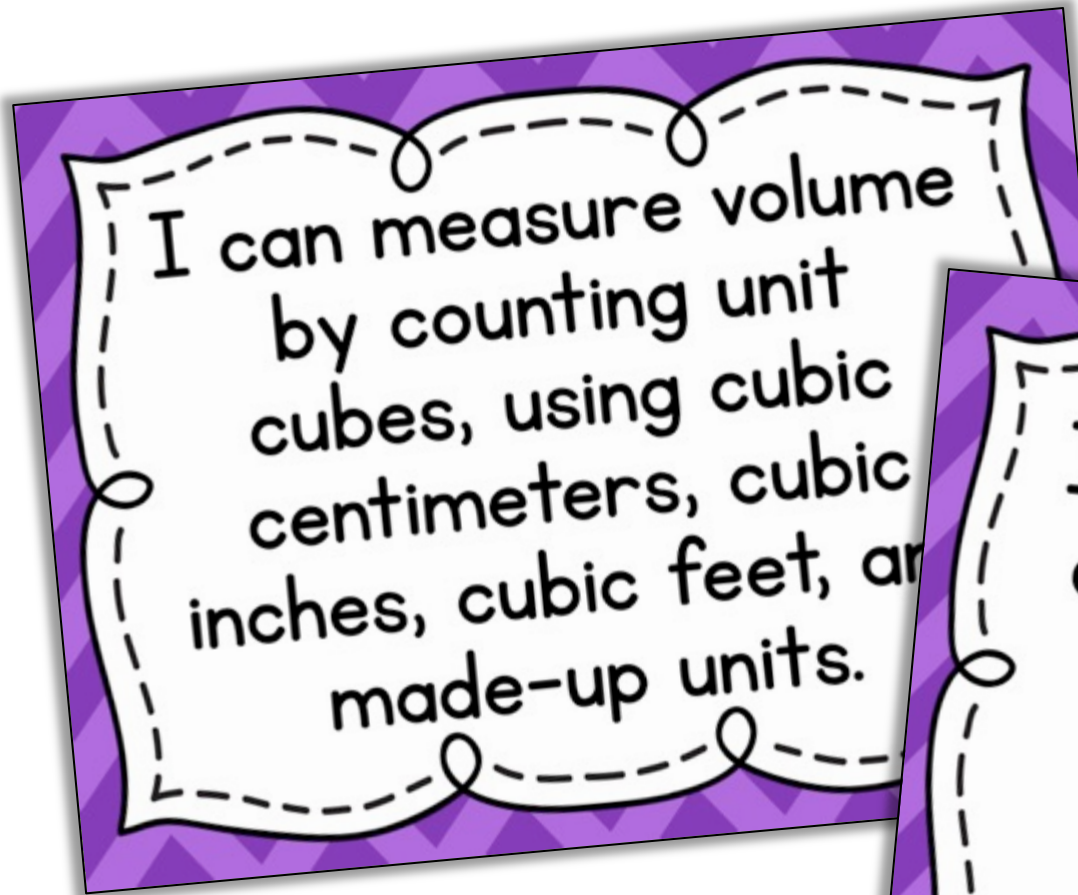
$$10 \times 2 \times 3 = 60$$



KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

"I CAN" POSTERS

5th
GRADE



KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

MINI B/W VERSIONS FOR STUDENT NOTEBOOKS

5th
GRADE


Essential Question III
How can you identify and classify polygons?


Essential Question II.2
How can you classify triangles?


Essential Question II.3
How can you classify and compare quadrilaterals?


Essential Question
How can you use strategy to act it out or approximate when the sides of a figure are congruent?


Essential Question
How can you use unit cubes to find the volume of rectangular prisms?

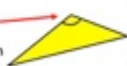
acute triangle
A triangle that has 3 acute angles.
All 3 angles are acute (less than 90 degrees). 

decagon
A polygon with 10 sides and 10 angles.
10 sides and 10 angles 

equilateral triangle
A triangle that has 3 congruent angles.
All 3 sides are the same length. 

hexagon
A polygon with 6 sides and 6 angles.
6 sides and 6 angles 

isosceles triangle
A triangle with two congruent sides.
2 sides have the same length. 

obtuse triangle
A triangle that has one obtuse angle.
1 angle is obtuse (greater than 90 degrees). 

I can use the formulas

Real-World Problem
Danny is building a box to hold all his DVDs. The box will be 18 inches long, 7 inches tall, and 7 inches wide. What is the volume of the box?
 $V = l \times w \times h$
Volume = $18 \times 7 \times 7$
Volume = 882 inches^3

Real-World Problem
Jenny's dad is adding onto her bedroom to make it larger. Her bedroom is currently 8 ft. x 10 ft. x 8 ft. The addition is 3 ft. x 10 ft. x 8 ft. What will the volume of the newly finished bedroom be?
Old bedroom: $8 \times 10 \times 8 = 640 \text{ ft.}^3$
Addition: $3 \times 10 \times 8 = 240 \text{ ft.}^3$
New bedroom: $640 \text{ ft.}^3 + 240 \text{ ft.}^3 = 880 \text{ ft.}^3$

Chapter 11 Vocabulary

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

BONUS CC POSTERS

5th
GRADE

CC.5.MD.3

Recognize volume
attribute of
figures and un
concepts of
measurer

CC.5.MD.4

Measure volumes by
counting unit cubes,
using cubic cm, cubic
in., cubic ft., and
improvised units.

SUPPORT YOUR INSTRUCTION WITH HELPFUL VISUALS!