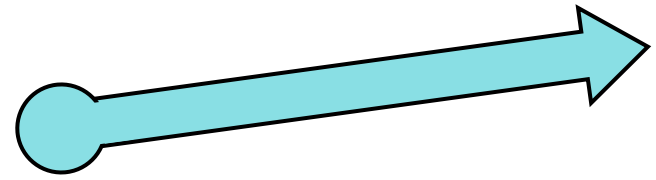
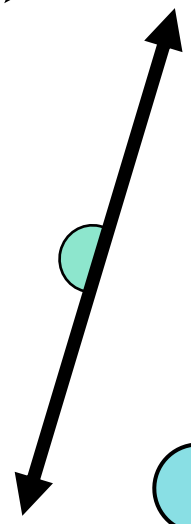
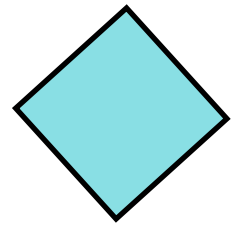
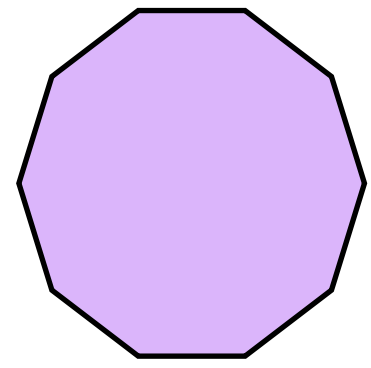
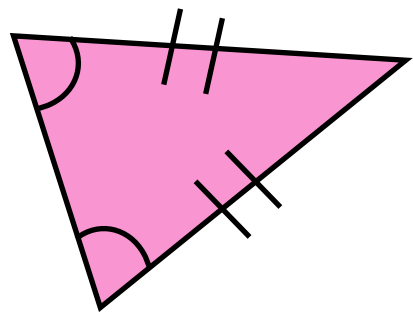
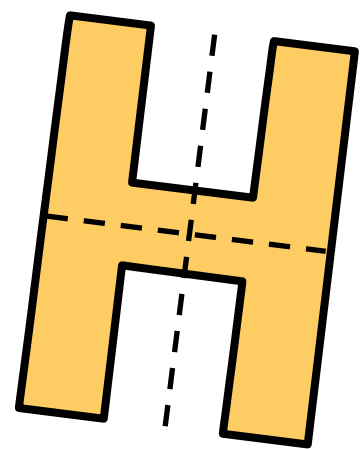
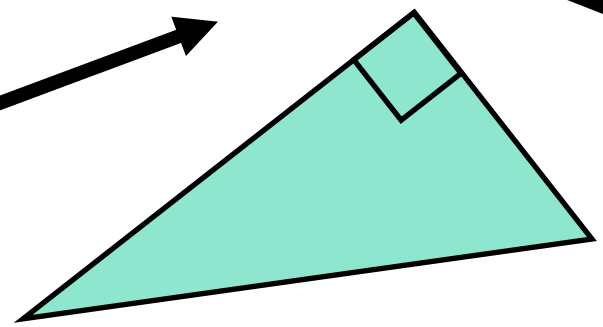
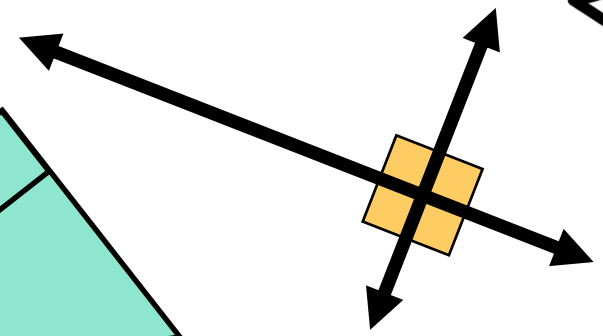
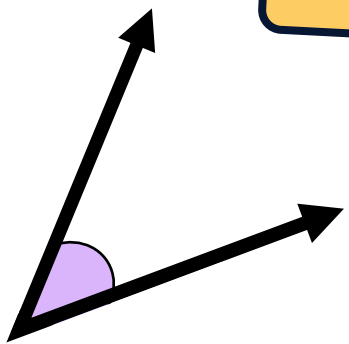
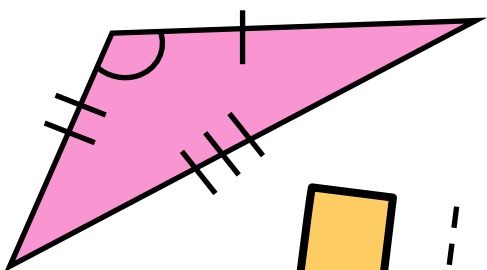


G E O M E T R Y

ANCHOR

CHARTS



DIGITAL

ANCHOR CHARTS

INCLUDED:

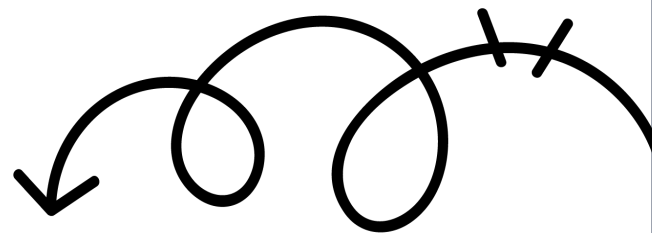
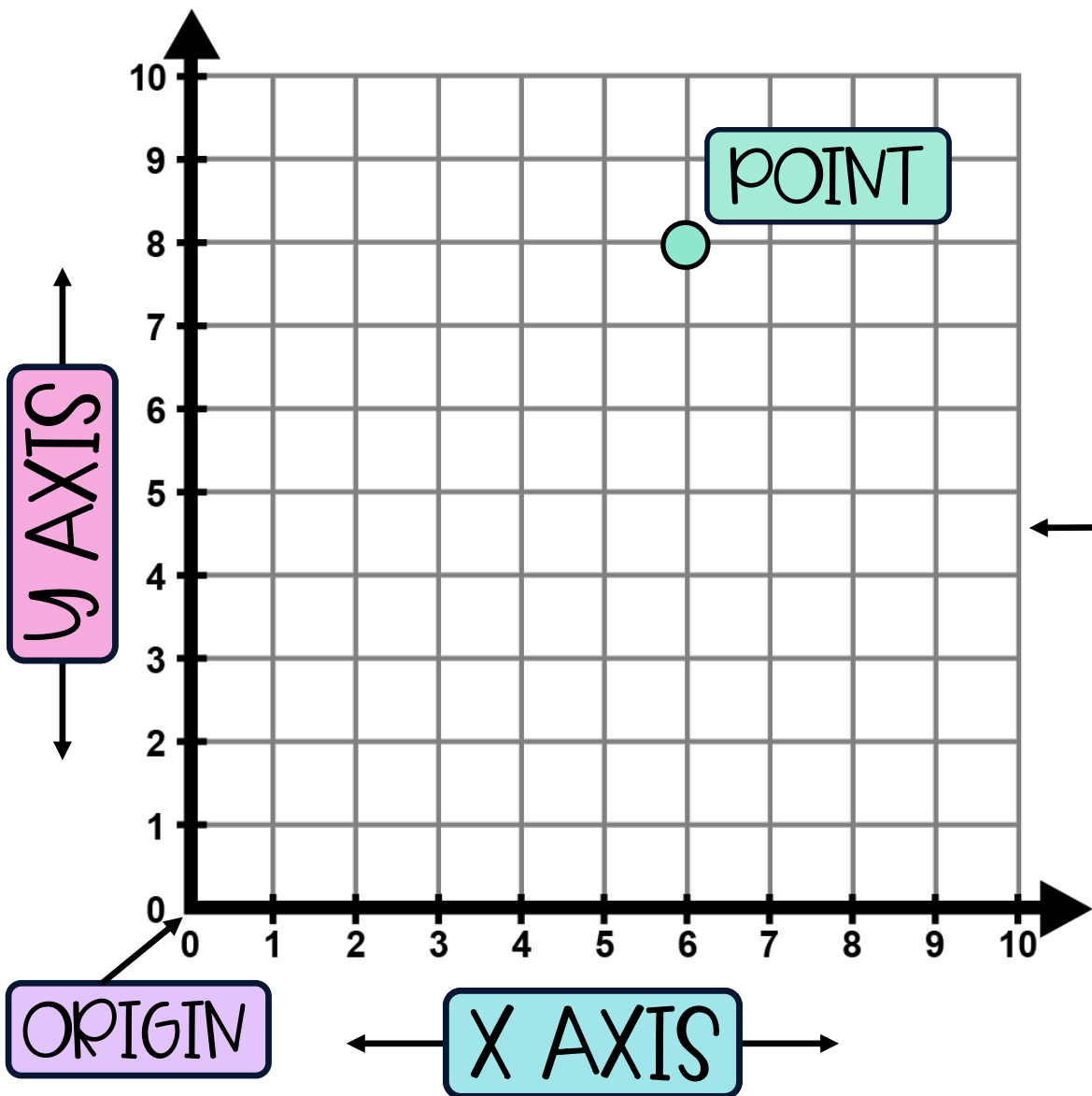
- 21 standards-based digital anchor charts to support your students through the 5.G math standards.
- Printable anchor charts
- Editable anchor charts with headers
- Font-matching guide

USES:

- Create a growing digital math journal for your students and add new charts as you teach each standard
- Link to digital assignments for added support
- Print for your classroom.
- Use charts to introduce each new standard.
- Group charts by standard and on math bulletin board

COORDINATE SYSTEM

SYSTEM



COORDINATE PLANE

ORDERED PAIR

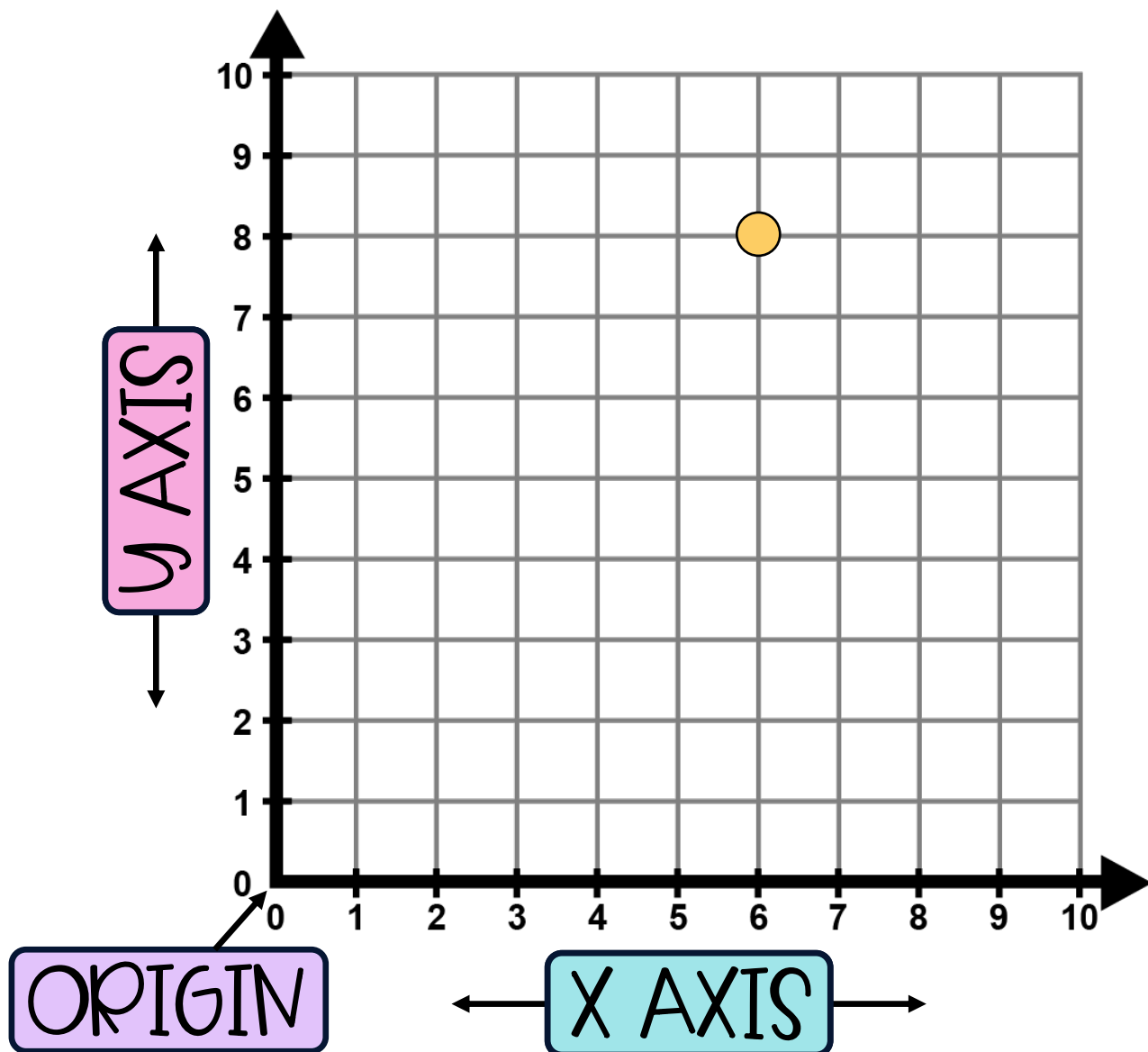
(6, 8)

X COORDINATE

Y COORDINATE

COORDINATE

PLANE



(x, y)

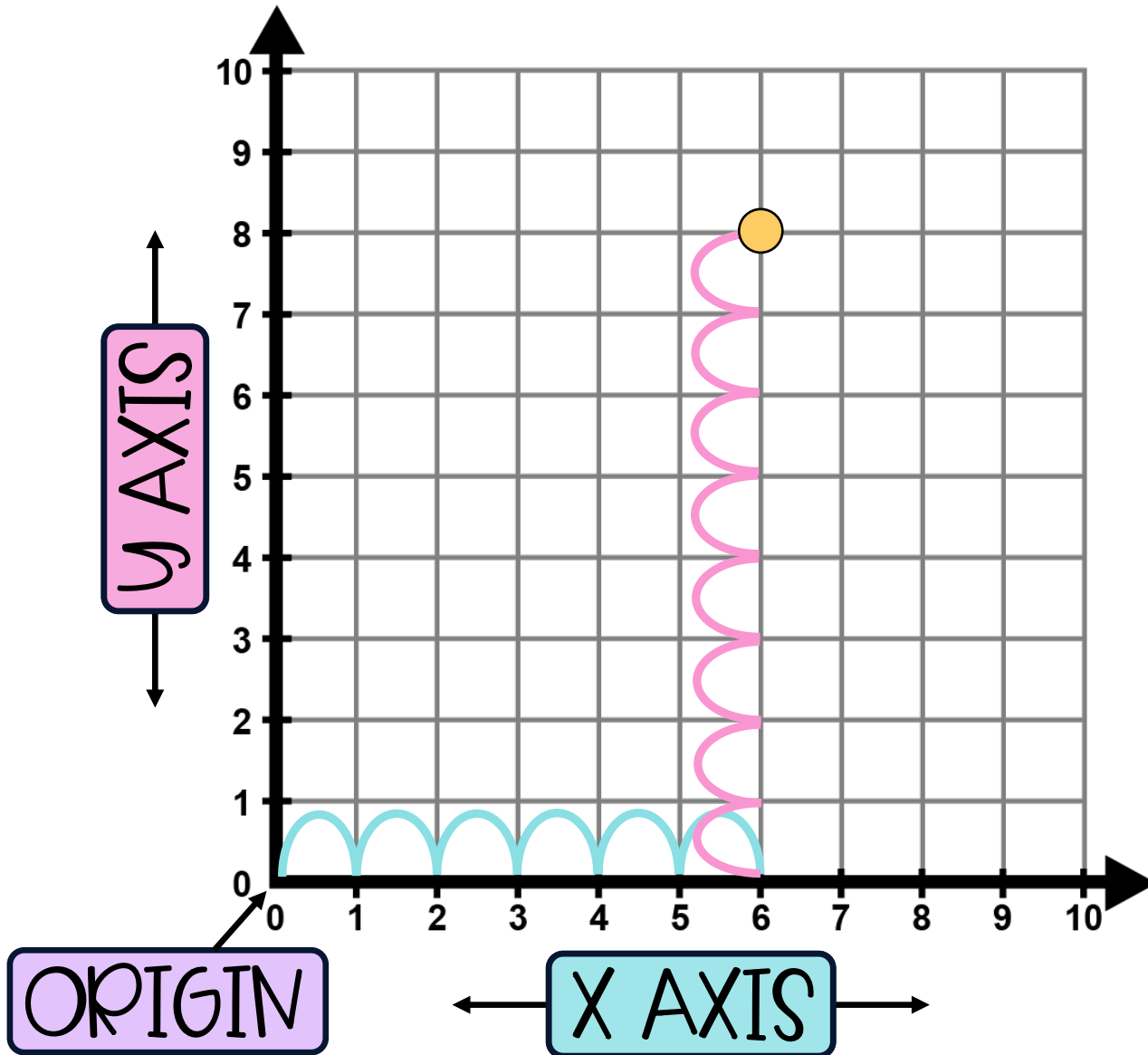
1 MOVE HORIZONTALLY

2 MOVE VERTICALLY

$(6, 8)$

COORDINATE

PLANE



(x, y)

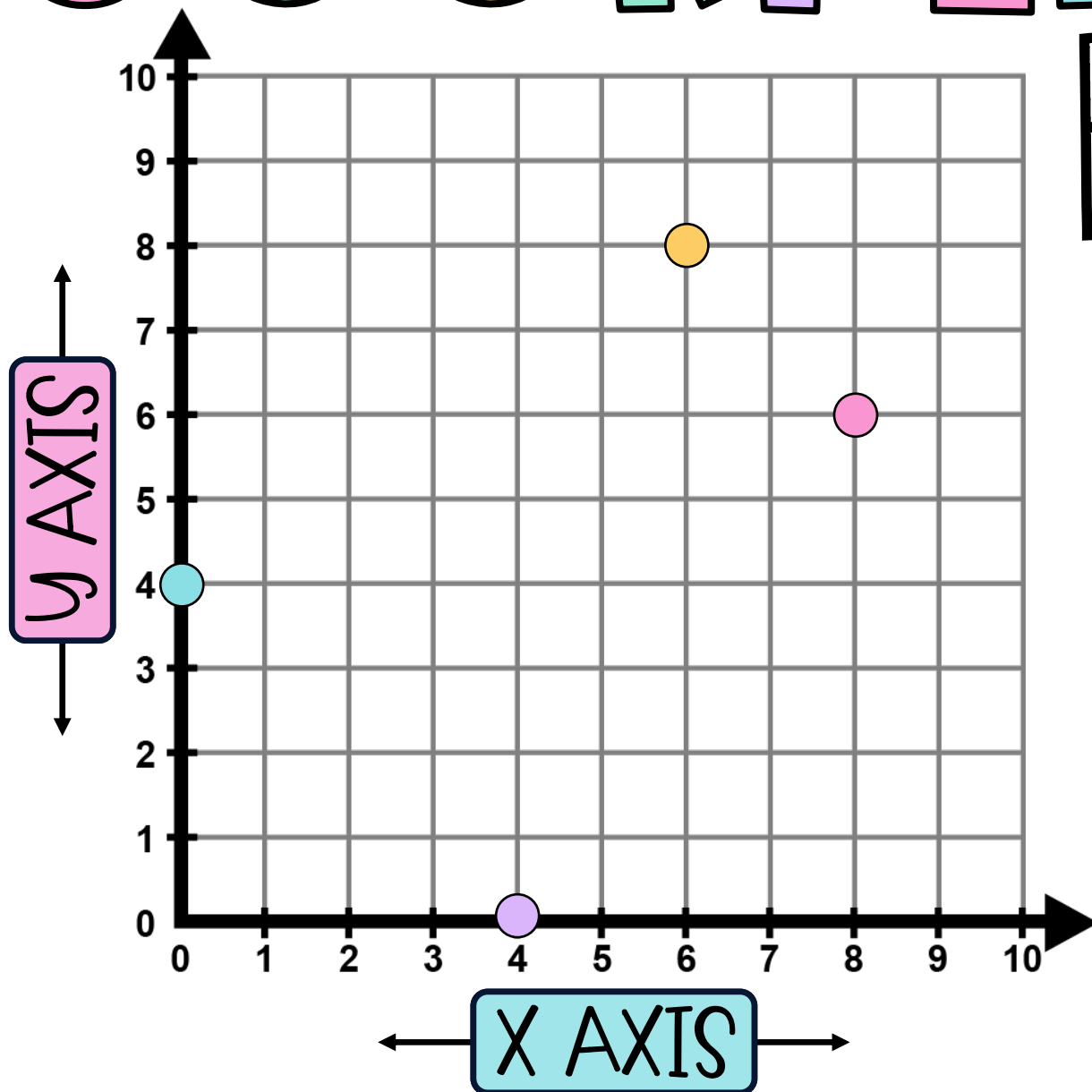
1 MOVE HORIZONTALLY

2 MOVE VERTICALLY

$(6, 8)$

COORDINATE

PAIRS



$(6, 8)$

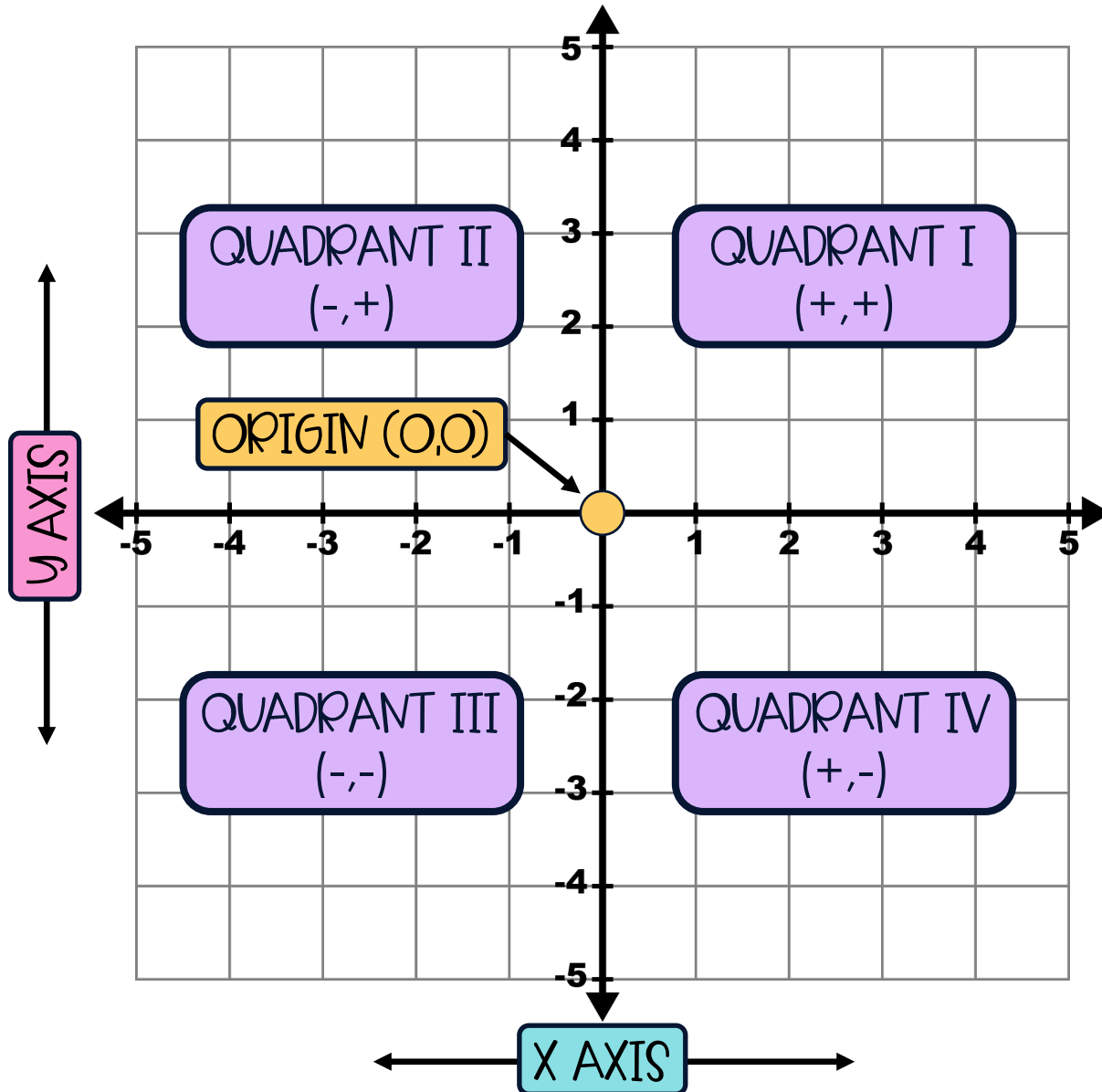
$(8, 6)$

$(0, 4)$

$(4, 0)$

COORDINATE

PLANE



(X, Y)

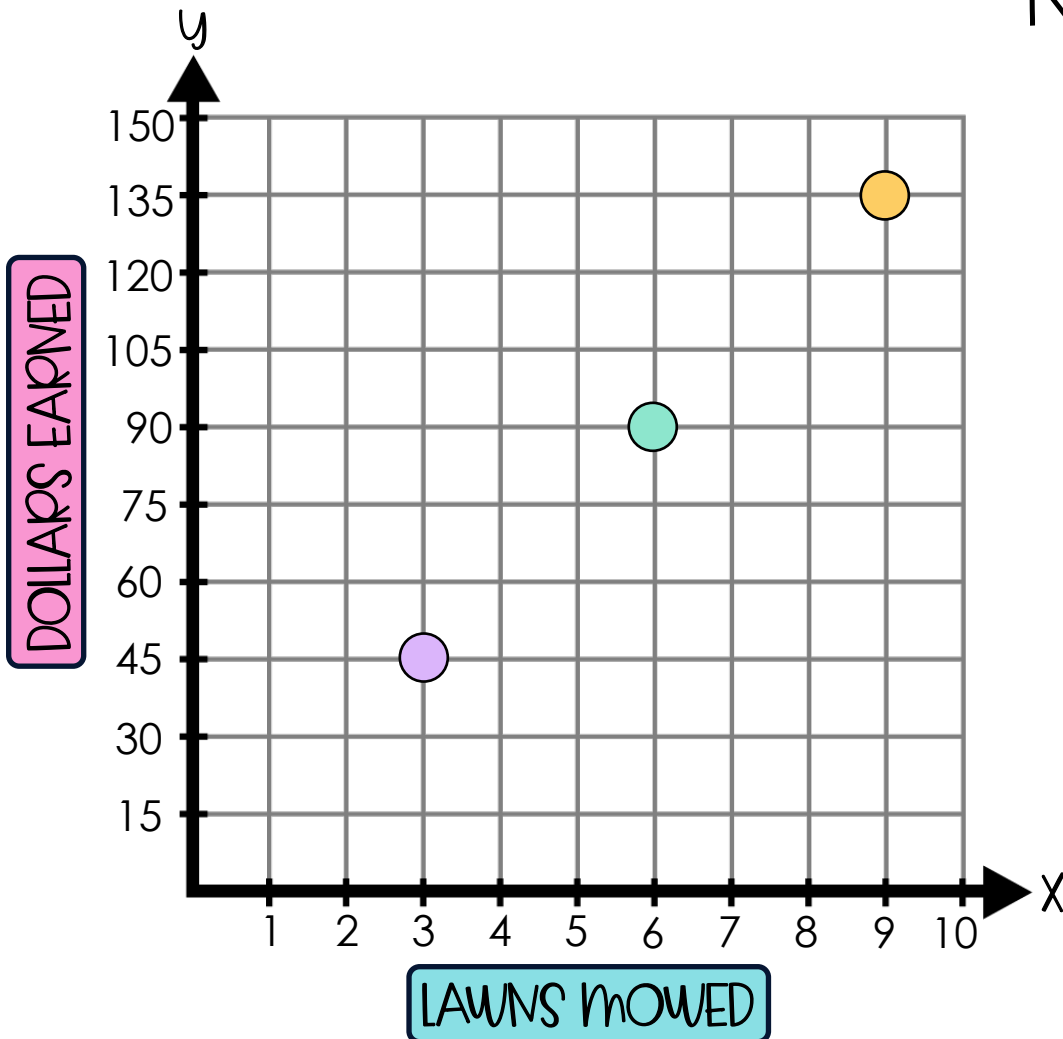
(ORDERED PAIR)

1 MOVE
HORIZONTALLY

2 MOVE
VERTICALLY

GRAPHING

REAL WORLD DATA



Rojelio mows lawns in the summer for \$15 per lawn. How much money will he have after mowing 3 lawns, 6 lawns, 9 lawns?

LAWNS MOWED	DOLLARS EARNED
3	\$45
6	\$90
9	\$135

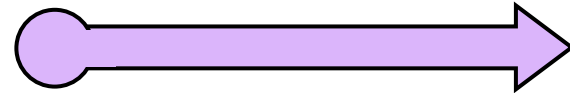
G E O M E T R Y

VOCABULARY



POINT

AN EXACT LOCATION



RAY

PART OF A LINE WITH A START POINT THAT EXTENDS IN ONE DIRECTION WITHOUT END



LINE

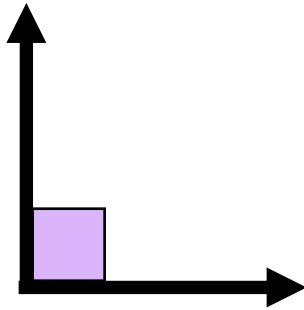
A STRAIGHT LINE THAT EXTENDS IN BOTH DIRECTIONS WITHOUT END



LINE SEGMENT

PART OF A LINE THAT HAS 2 END POINTS

TYPES OF ANGLES



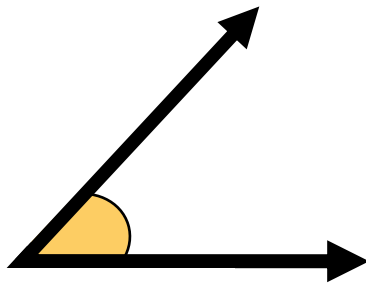
RIGHT ANGLE

EXACTLY 90 DEGREES



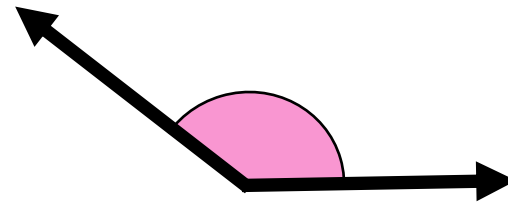
STRAIGHT ANGLE

EXACTLY 180 DEGREES



ACUTE ANGLE

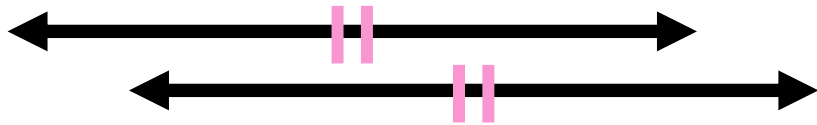
LESS THAN 90 DEGREES



OBTUSE ANGLE

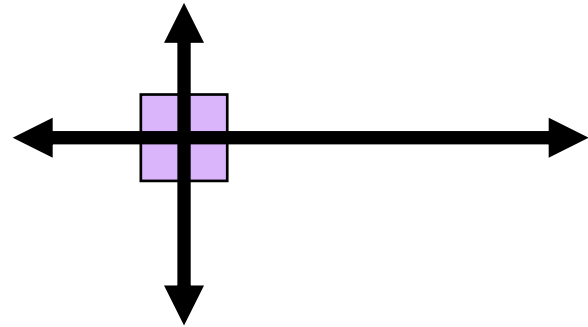
MORE THAN 90 DEGREES

PARALLEL, PERPENDICULAR or INTERSECTING?



PARALLEL

LINES ON THE PLANE THAT WILL NEVER MEET. THEY WILL ALWAYS BE THE SAME DISTANCE APART

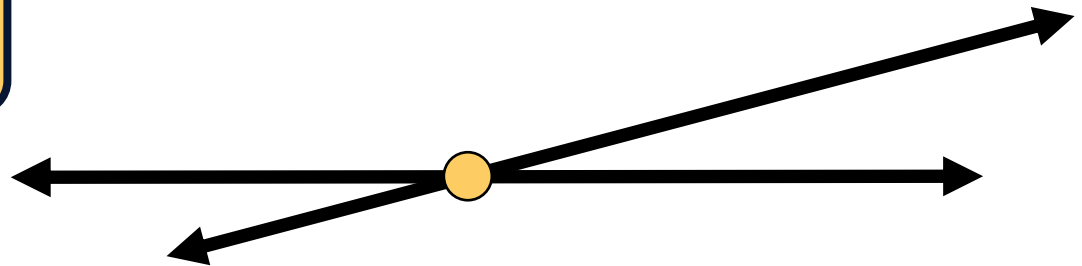


PERPENDICULAR

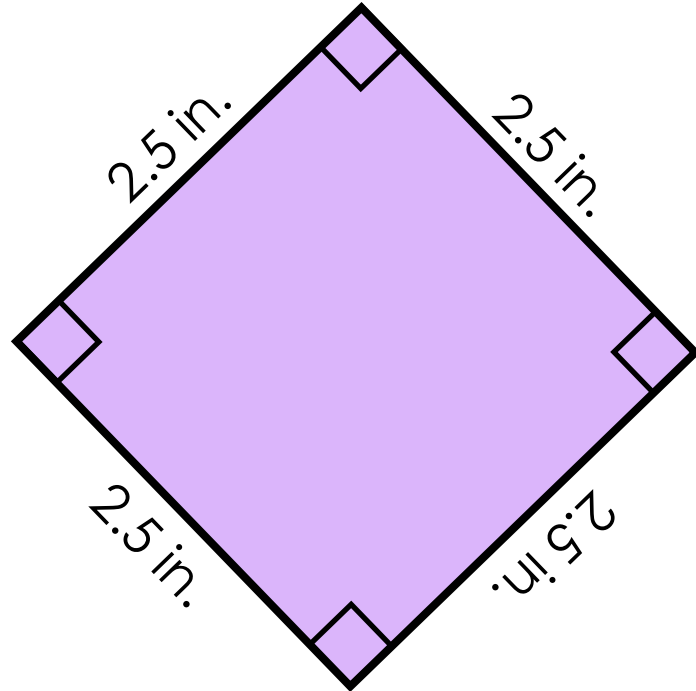
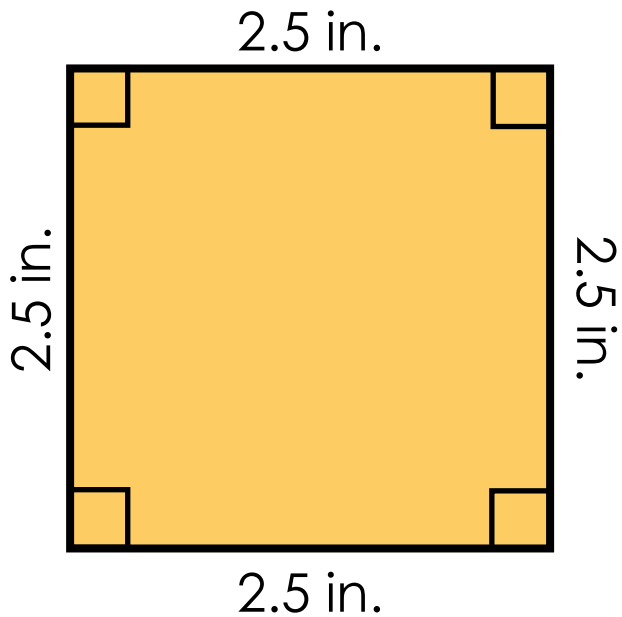
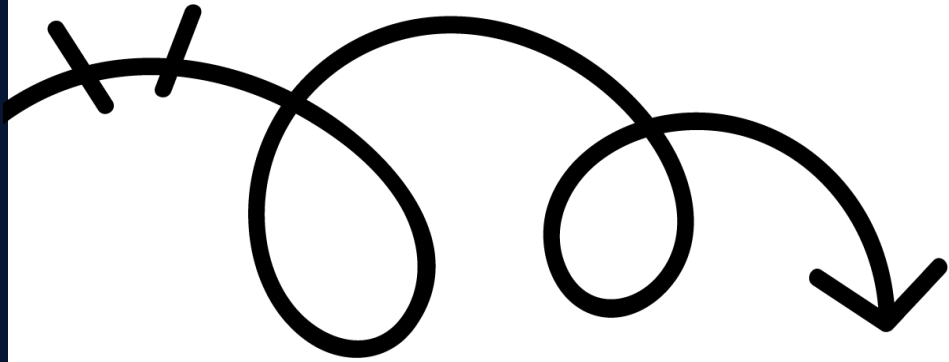
LINES THAT MEET AT A PERFECT 90 DEGREE ANGLE

INTERSECTING

LINES THAT MEET OR CROSSOVER EACH OTHER, SHARING A POINT

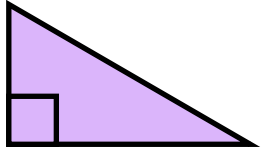


CONGRUENT POLYGONS



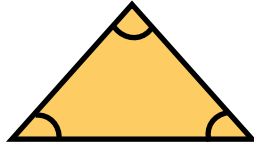
These squares are congruent because they are equal in size and shape.

CLASSIFYING TRIANGLES



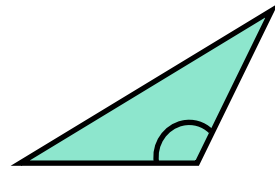
RIGHT
TRIANGLE

CONTAINS ONE 90° ANGLE



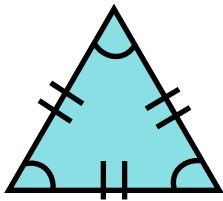
ACUTE
TRIANGLE

CONTAINS 3 ACUTE ANGLES



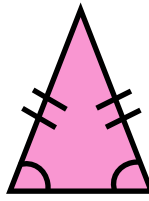
OBTUSE
TRIANGLE

CONTAINS 1 OBTUSE ANGLE



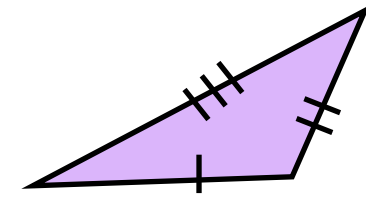
EQUILATERAL
TRIANGLE

3 EQUAL SIDES
3 EQUAL ANGLES



ISOSCELES
TRIANGLE

2 SIDES OF EQUAL LENGTH
2 ANGLES OF EQUAL MEASURE

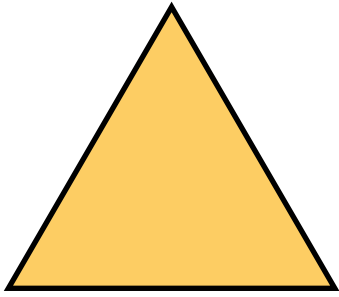


SCALENE
TRIANGLE

3 DIFFERENT SIDES
3 DIFFERENT ANGLES

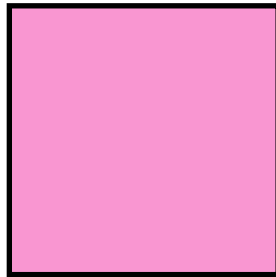
POLYGONS

A CLOSED PLANE FIGURE WITH AT LEAST 3 STRAIGHT SIDES AND 3 ANGLES.



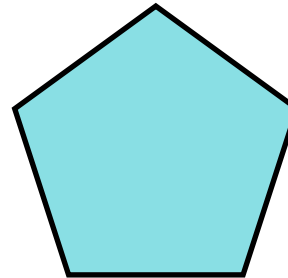
TRIANGLE

3 SIDES, 3 ANGLES



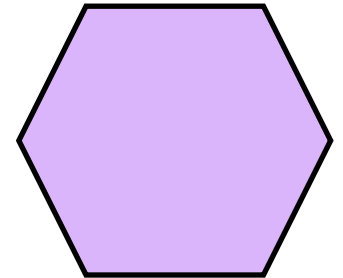
QUADRILATERAL

4 SIDES, 4 ANGLES



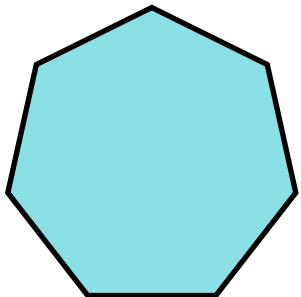
PENTAGON

5 SIDES, 5 ANGLES



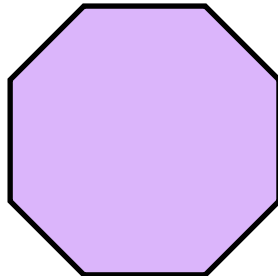
HEXAGON

6 SIDES, 6 ANGLES



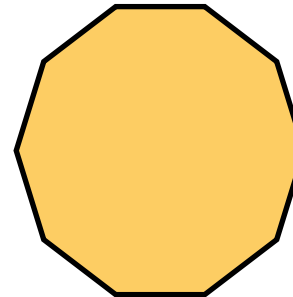
SEPTAGON

7 SIDES, 7 ANGLES



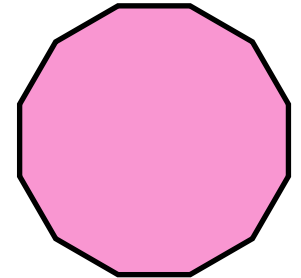
OCTAGON

8 SIDES, 8 ANGLES



DECAGON

10 SIDES, 10 ANGLES



DODECAGON

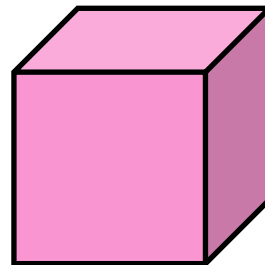
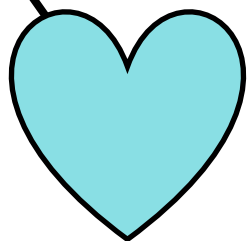
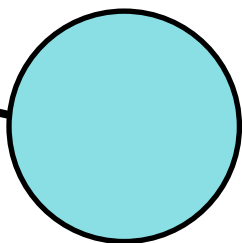
12 SIDES, 12 ANGLES

NON-

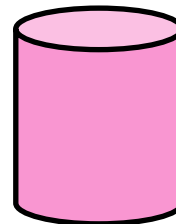
POLYGONS

ATTRIBUTES OF A NON-POLYGON INCLUDE 3-D SHAPES, CURVED LINES, INTERSECTING LINES AND OPEN SHAPES

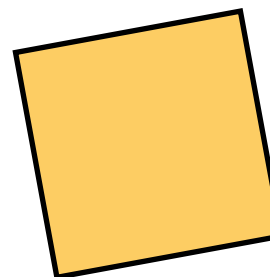
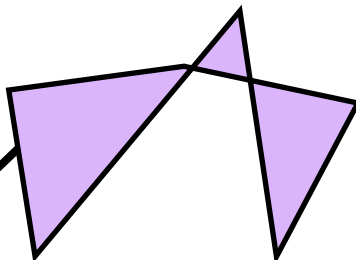
CURVED LINES



3-D SHAPES

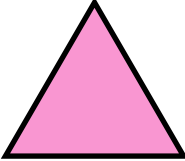
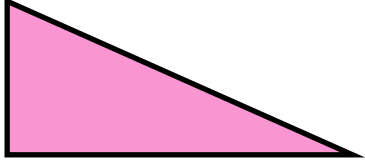


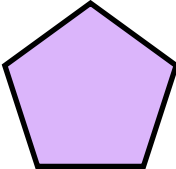
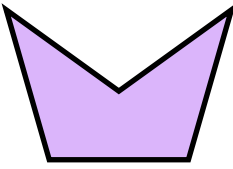
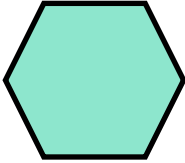
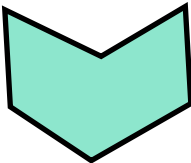
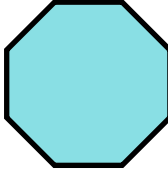
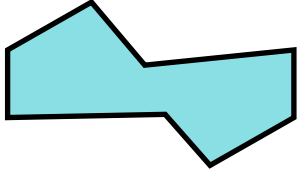


INTERSECTING LINES



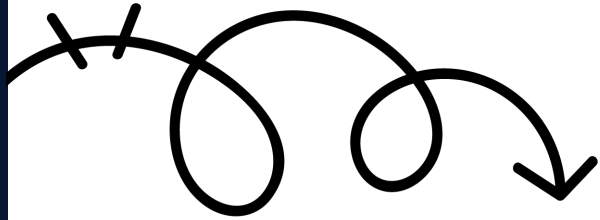
OPEN SHAPES

POLYGONS

# OF SIDES	NAME	REGULAR (ALL SIDES & ANGLES ARE CONGRUENT)	IRREGULAR (SIDES & ANGLES ARE NOT CONGRUENT)
3	TRIANGLE		
4	QUADRILATERAL		
5	PENTAGON		
6	HEXAGON		
8	OCTAGON		

WHAT IS A

QUADRILATERAL?



A 4-sided
polygon

parallelogram

quadrilateral

square

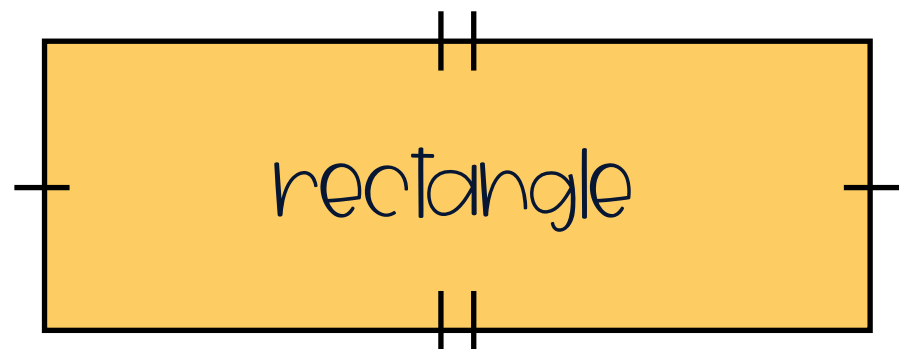
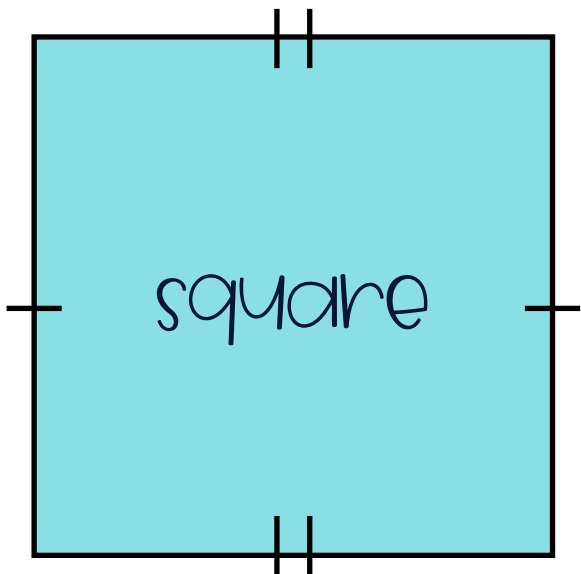
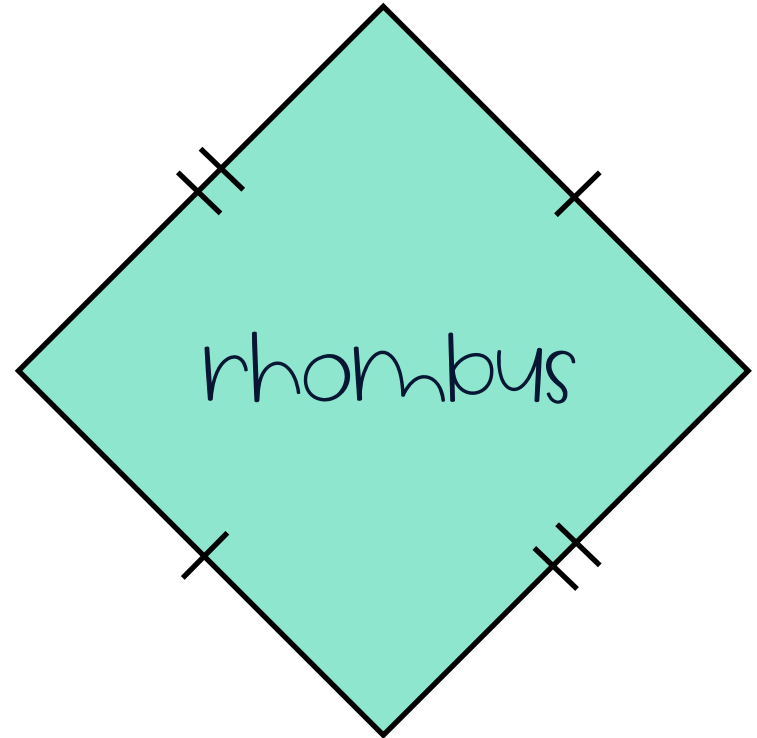
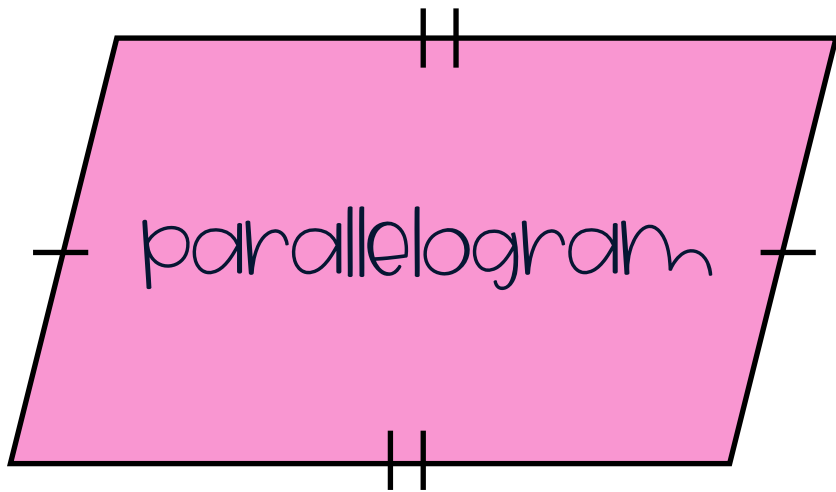
rectangle

rhombus

trapezoid

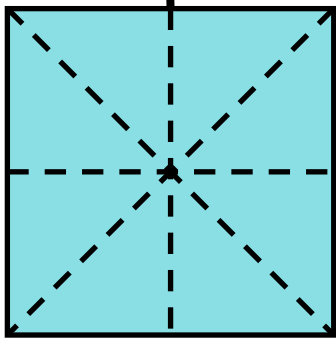
PARALLELOGRAM

A QUADRILATERAL WITH 2 SETS OF PARALLEL SIDES.

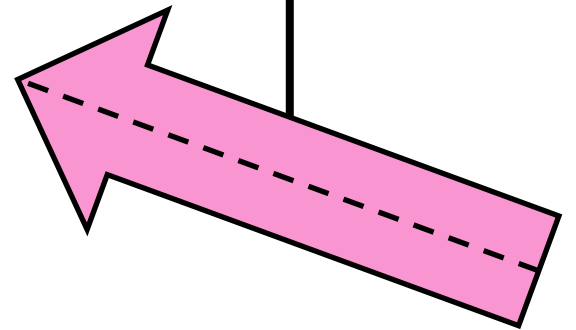


LINES OF SYMMETRY

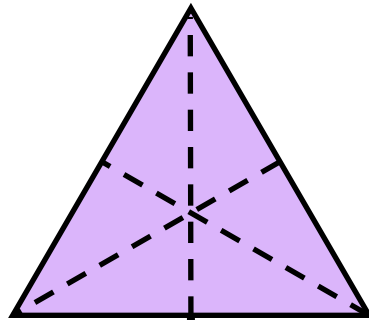
This square has 4 lines of symmetry.



This arrow has 1 line of symmetry.

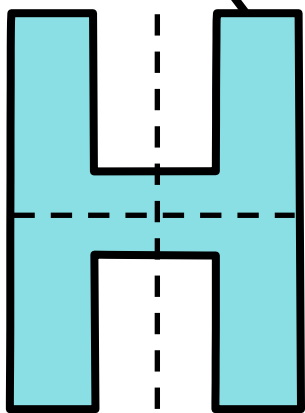


This equilateral triangle has 3 lines of symmetry.

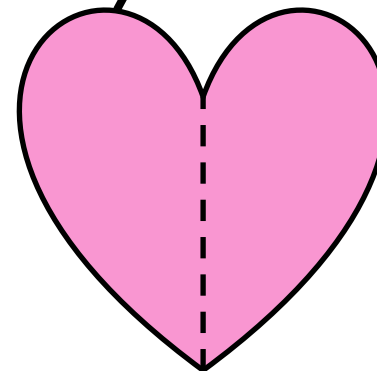


LINES OF SYMMETRY

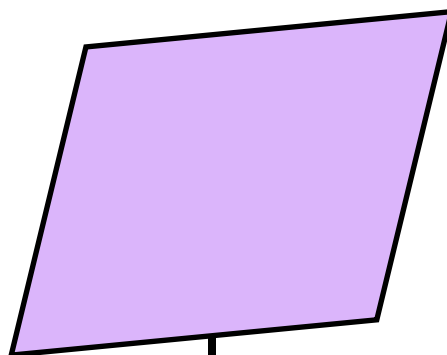
This H has 2 lines of symmetry.



This heart has 1 line of symmetry.



This parallelogram has zero lines of symmetry.

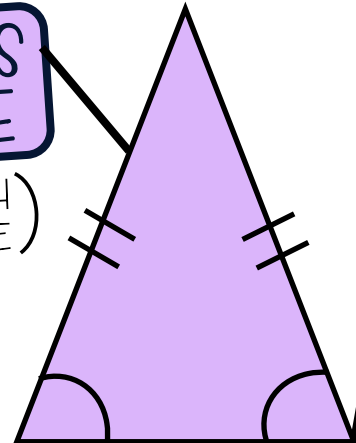


CLASSIFYING TRIANGLES

Triangles can be classified based on angles and sides.

ISOSCELES TRIANGLE

(2 SIDES OF EQUAL LENGTH)
(2 ANGLES OF EQUAL MEASURE)

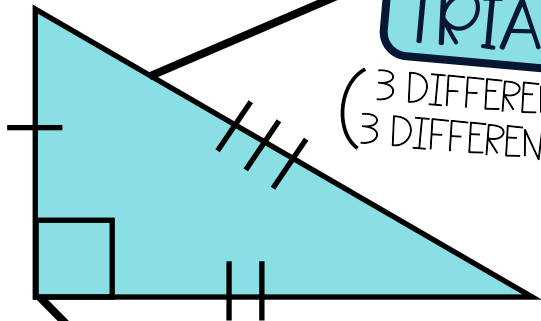


ACUTE TRIANGLE

(3 ACUTE ANGLES)

SCAENE TRIANGLE

(3 DIFFERENT SIDES)
(3 DIFFERENT ANGLES)

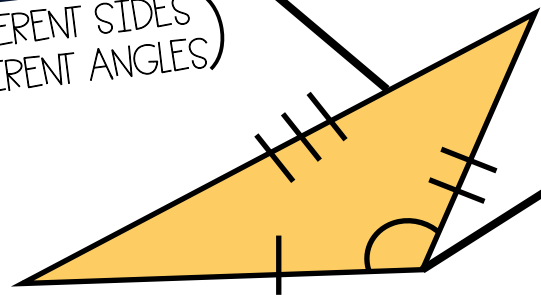


RIGHT TRIANGLE

(1 RIGHT ANGLE)

SCAENE TRIANGLE

(3 DIFFERENT SIDES)
(3 DIFFERENT ANGLES)

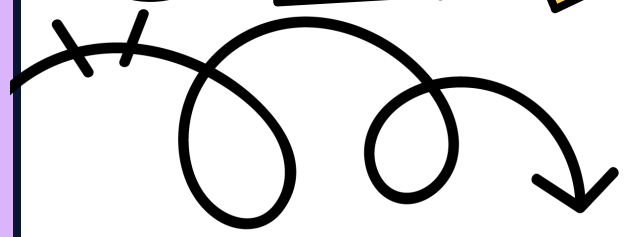


OBTUSE TRIANGLE

(1 OBTUSE ANGLE)

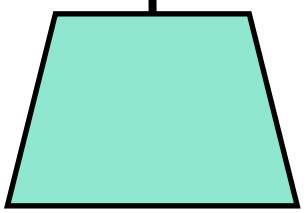
CLASSIFYING

QUADRILATERALS



QUADRILATERAL

TRAPEZOID



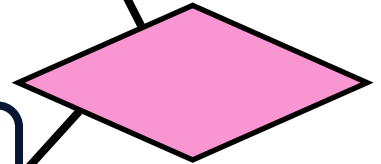
PARALLELOGRAM



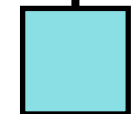
RECTANGLE



RHOMBUS

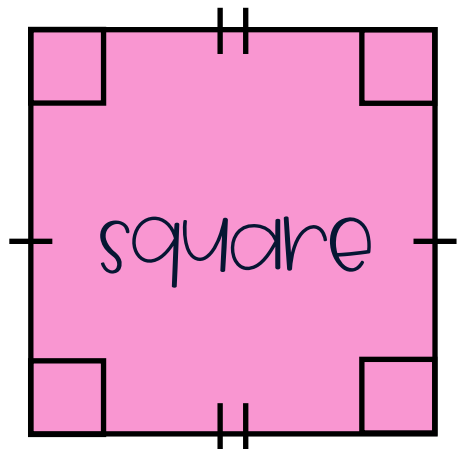
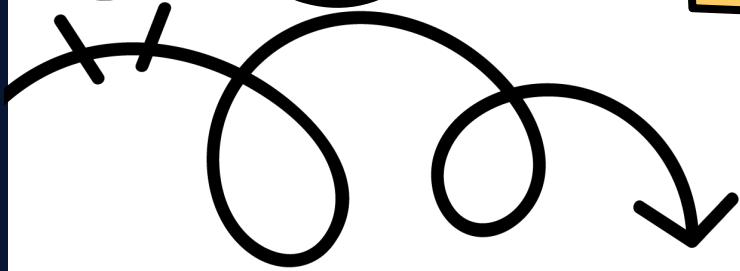


SQUARE

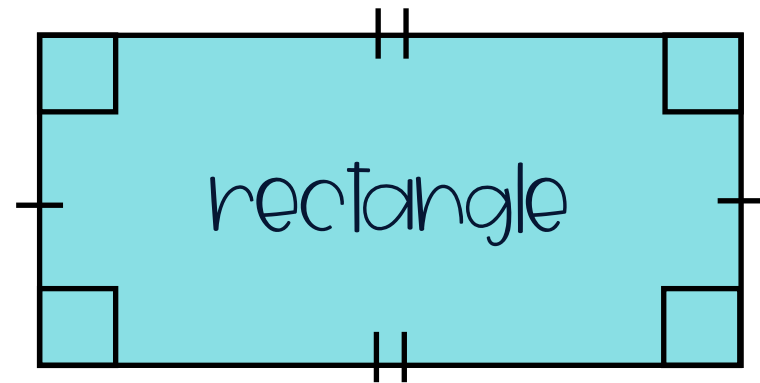


SQUARES VS

RECTANGLES




(4 RIGHT ANGLES
2 SETS OF PARALLEL SIDES
ALL SIDES EQUAL LENGTH)

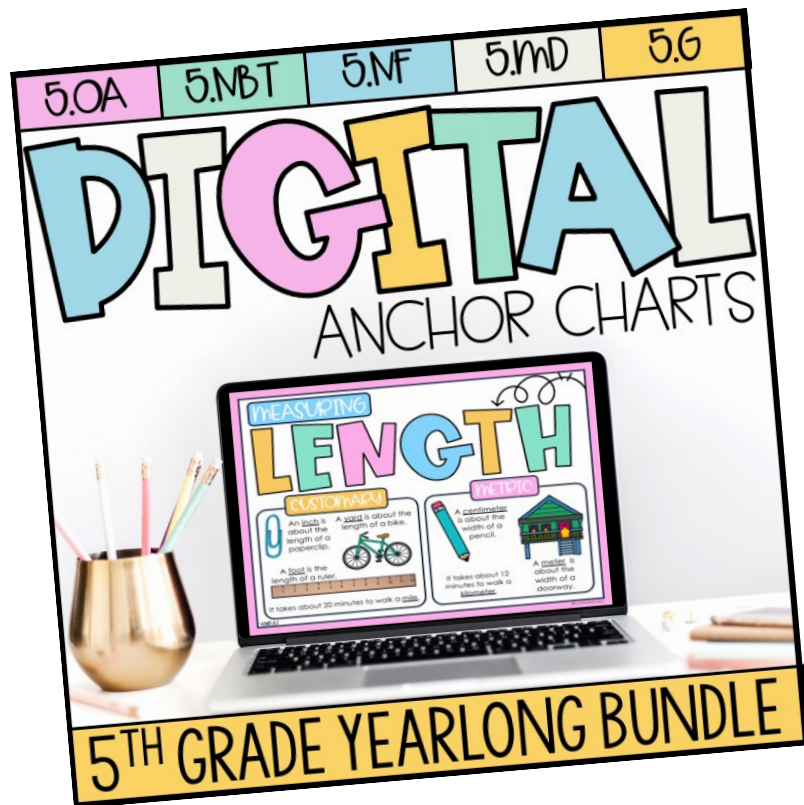


(4 RIGHT ANGLES
2 SETS OF PARALLEL SIDES
OPPOSITE SIDES EQUAL LENGTH)

A SQUARE IS ALWAYS A RECTANGLE, BUT
A RECTANGLE IS NOT ALWAYS A SQUARE.

THANK YOU!

I know you have MANY options when purchasing resources for your classroom, and I'm so thankful you've chosen mine! I am incredibly grateful for you and so happy to be part of your classroom! 



IF YOU ENJOYED THIS RESOURCE, CHECK OUT THE 5th GRADE BUNDLE!



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