

Geometry Edition



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Each entry includes four activities to teach, reinforce, and assess the skill.



It is suggested you teach the skills in the following order:

- 1. Types of Lines
- 2. Lines of Symmetry
- 3. Types of Triangles
- 4. Classify Two-Dimensional Shapes

Each Skill has 4 different activities/entries, you can use some or all of the activities to include in your math journal.

Possible Instructional Plan Day 1 – Introduce the skill with the anchor chart. Day 2 – Create Foldable and use Extension Activities Day 3 – Quick Check

The Extension Activities can be placed in a math center or work station if you don't want to include them in the math journal. They can also be sent home as a take home activity if you run out of time during the day to complete them.

Types of Lines – Assembly Notes & Directions

Anchor Chart

Make enough copies for students. Have students cut and paste in their math journal. Review anchor chart with students as you would a full size anchor chart. Students will be able to reference back to this page if they have questions about place value.



Foldable

See the example provided in the pictures to the right. Create foldable with students. You can modify the examples to meet your students specific learning needs.

Types of Lines – Assembly Notes & Directions

Extension Activities

Give each student a copy of the Extension Activities list to place in their journal as well as a copy of the extension cards. Have students glue a small envelope into their math journal to store their extension cards. You can use the activities as an extension activity, early finisher work, or homework.



Give each student a dopy of the Quick Check sheet. Students can glue them in their math journal as a reference page, or you can collect them. The quick check can be used as a formative assessment to see where your students level of mastery is after you have spent a few days practicing the skill.



Quick Check - Key

said that lines D and C slet is he correct

said line E is an ing line. Hilary said it is

ndicular line. Who is

Quick Check Problems - KEY				
Carlos drew the following lines.				
	\mathbf{N}_{D} \mathbf{I}_{E}			
1. What lines are parallel?	2. What lines are			
Lines A and B	perpendiculare			
	Lines A and E are perpendicular And			
	Lines B and E are perpendicular			
3. Name all the lines that are intersecting	4. Bob said that lines D and C			
	Explain. No. Even though this			
AC, BC, DA, DB, EA, EB	visual does not show lines C and D as intersecting, they			
	eventually would cross.			
5. Kiesha wants to draw a line parallel to line B. What other	6. Marco said line E is an intersecting line. Hilary said it is a perpendicular			
line will it also be parallel to?	line. Who is correct? Why? They are both correct, but Hilary's description			
Line A	is more accurate. Perpendicular lines are also intersecting lines, just at a 90 degree angle.			



Types of Lines – Anchor Chart



Types of Lines – Foldable





Types of Lines – Extension Cards



Types of Lines – Extension Card Template



Types of Lines – Quick Check



Types of Lines – Quick Check Key

Lines of Symmetry – Assembly Notes & Directions

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Lines of Symmetry – Assembly Notes & Directions

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Lines of Symmetry – Anchor Chart











Lines of Symmetry – Extension Card Template



Lines of Symmetry – Quick Check



Lines of Symmetry – Quick Check Key

Types of Triangles – Assembly Notes & Directions

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Types of Triangles – Assembly Notes & Directions

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Types of Triangles – Foldable

Extension Activities

- Play Triangle Memory with a friend. Flip all of the cards over so they are face down. Turn two cards over at a time. You need to match a picture to a definition/description to keep the cards. The player with the most cards wins.
- 2. Flash Cards Flash the cards quickly. When a picture is displayed, name the type of triangle. When words are displayed, give the name or definition of the triangle.
 - 3. Create your own flash cards or triangle game.

Extension Activities

- 1. Play Triangle Memory with a friend. Flip all of the cards over so they are face down. Turn two cards over at a time. You need to match a picture to a definition/description to keep the cards. The player with the most cards wins.
- 2. Flash Cards Flash the cards quickly. When a picture is displayed, name the type of triangle. When words are displayed, give the name or definition of the triangle.
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Types of Triangles – Extension Cards



Types of Triangles – Extension Card Template

Quick Chec	ck Problems	
1. What is the key characteristic of a right triangle?	2. What is the key characteristic of a scalene triangle?	
3. What type of triangle is this? How do you know?	4. What type of triangle is this? How do you know?	
5. What is the key characteristic of an acute triangle?	6. What is the difference between an isosceles triangle and an equilateral triangle?	

Types of Triangles – Quick Check

QUICK CHECK PRODIEMS - KEY	
1. What is the key characteristic of a right triangle?2. What is the key characteristic of a scalene triangle?	
One of the angles is exactly 90°. None of the sides are the same length.	
3. What type of triangle is this? How do you know? It is an obtuse angle because it has one angle larger than 90° 4. What type of triangle is this? How do you know? It is an acute triangle, because at the angles are less than 90°. If is an equilateral triangle because all the sides are the same length	
5. What is the key characteristic of an acute triangle?6. What is the difference between an isosceles triangle and an equilateral triangle?	
All the angles have to be less than 90°. An isosceles triangle has two sides that are the same length. An equilateral triangle has all the sides that are the same length.	

Types of Triangles – Quick Check Key

Classify Two-Dimensional Shapes – Assembly Notes & Directions

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Classify Two-Dimensional Shapes

Two-dimensional shapes are flat figures that have a length and a width. Two-dimensional shapes can also be called a plane figure or polygon. They can be classified by the number of sides and vertices (corners) they have.





Extension Activities

- 1. Draw a card. Read the clues. Name the polygon it describes. Find the matching picture card.
- 2. Play with a friend. Draw a card. Read the clues, have your friend draw the shape. See if they are correct.
- 3. Create your own two-dimensional shape clue cards.

Extension Activities

- 1. Draw a card. Read the clues. Name the bolygon it describes. Find the matching picture card
- 2. Play with a friend. Draw a card. Read the clues, have your friend draw the shape. See if they are correct.
- 3. Create your own two-dimensional shape clue cards.

Extension Activities

- 1. Draw a card. Read the clues. Name the polygon it describes. Find the matching picture card.
- 2. Play with a friend. Draw a card. Read the clues, have your friend draw the shape. See if they are correct.
- 3. Create your own two-dimensional shape clue cards.

I have three vertices and three edges. What am I?	l have five vertices and five edges. What am I?	l have six vertices and six edges. What am I?	l have eight vertices and eight edges. What am I?
l have seven vertices and seven edges. What am I?	I am a quadrilateral. I have four right angles and two sets of parallel sides. What am I?	I have four equal sides and four right angles. I am a quadrilateral. What am 1?	l an a quadrilateral with two sets of parallel sides. What am I?
I am a polygon. I have one set of parallel sides I am a quadrilateral. What am I?	lam any polygon with exactly four sides. What am I?	I am a quadrilateral. I have two sets of parallel lines. I have no right angles. What am I?	I have three vertices and three sides. One of my angles is a right angle. What am I?
I am a two-dimensional shape, but I am not a polygon because I have no vertices and no straight edges. What am I?	l have 10 vertices and 10 edges. What am I?		

Classifying Two-Dimensional Shapes – Extension Activities Cards





Classifying Two-Dimensional Shapes – Extension Card Template



Classifying Two-Dimensional Shapes - Quick Check



Classifying Two-Dimensional Shapes - Quick Check Key



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