

# Geometry

# WARM-UPS

## + A TEMPLATE!

ALL THINGS ALGEBRA®

# THIS BUNDLE INCLUDES:

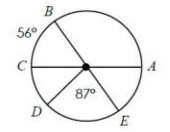
Date: \_\_\_\_\_  
Use the figure to the right to answer questions 1-3.

Date: \_\_\_\_\_  
1. Given:  $\overline{AB} \parallel \overline{CD}$  and  $\angle 1 = 120^\circ$

**Central Angles & Arc Measures**

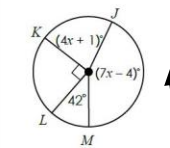
Date: \_\_\_\_\_

1. Using the diagram below, find each measure.



a)  $m\widehat{BA} =$  \_\_\_\_\_  
b)  $m\widehat{CE} =$  \_\_\_\_\_  
c)  $m\widehat{ACE} =$  \_\_\_\_\_

2. Using the diagram below, find each measure.



a)  $x =$  \_\_\_\_\_  
b)  $m\widehat{JM} =$  \_\_\_\_\_  
c)  $m\widehat{JL} =$  \_\_\_\_\_

**130 Warm-Ups!**  
(with answer keys)

4 - (Congruent Triangles) Warm-Ups - SMART Notebook

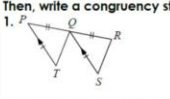
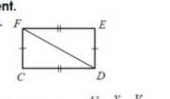
File Edit View Insert Format Tools Add-ons Account Help

**WARM-UP!**

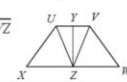
**Triangle Congruency:**  
SSS & SAS

Date: \_\_\_\_\_

State if the triangles can be proved congruent by SSS or SAS. Then, write a congruency statement.

1.  2. 

3. Given:  $\overline{YZ}$  bisects  $\overline{UV}$  and  $\overline{XW}$ ;  $\overline{UZ} \cong \overline{WZ}$   
Prove:  $\triangle UYZ \cong \triangle VWZ$



Statements	Reasons

**Smart Board Files** with the Warm-Ups snipped in. Just click on the page to choose the warm-up you need!

Name: \_\_\_\_\_ Bell: \_\_\_\_\_ UNIT # \_\_\_\_\_

Main Ideas/Topics: \_\_\_\_\_ Date: \_\_\_\_\_

Main Ideas/Topics: \_\_\_\_\_ Date: \_\_\_\_\_

**Student Template**  
to record the daily warm-ups.

**Blank Template**  
to create your own if needed!

Date: \_\_\_\_\_

# GEOMETRY WARM-UPS *Topic Listing*

- Points, Lines, and Planes
- Segment Addition Postulate
- Distance Formula
- Midpoint Formula
- Midpoint Problems with Algebra
- Partitioning a Segment
- Angles
- Angle Addition Postulate
- Angle Relationships
- Angle Relationships with Algebra
- Inductive Reasoning & Conjectures
- Compound Statements
- Truth Tables
- Conditional Statements
- Biconditional Statements
- Venn Diagrams
- Law of Detachment
- Law of Syllogism
- Algebraic Proofs
- Segment Properties & Postulates
- Segment Proofs
- Angle Properties & Postulates
- Angle Proofs
- Parallel Lines & Transversals
- Parallel Lines, Transversals, & Angles
- Proving Lines are Parallel
- \*Parallel Line Proofs
- Parallel & Perpendicular Lines (slope)
- Writing Equations of Lines
- More Parallel & Perpendicular Lines
- Classifying Triangles
- Angles of Triangles
- Angles of Triangles Word Problems
- Equilateral & Isosceles Triangles
- Congruent Triangles
- Triangle Congruency: SSS and SAS
- Triangle Congruency: SSS Proof
- Triangle Congruency: SAS Proof
- SSS in the Coordinate Plane
- Triangle Congruency: ASA Proof
- Triangle Congruency: AAS Proof
- Right Triangle Congruency: HL Proof
- Are We Congruent?
- CPCTC
- Midsegment of a Triangle
- Perpendicular & Angle Bisectors
- Pythagorean Theorem (Refresher)
- Constructing Centers of Triangles
- Circumcenter & Incenter
- Centroid & Orthocenter
- Triangle Inequality Theorem
- Inequalities in One Triangle
- Inequalities in Two Triangles
- Ratios & Proportions
- Similar Polygons
- More Practice with Similar Triangles
- Are they Similar?
- Similar Triangles Proofs (Set 1)
- Similar Triangles Proofs (Set 2)
- Parallel Lines & Proportional Parts
- Parts of Similar Triangles
- Angles of Polygons
- Parallelograms
- Proving Parallelograms in the Coordinate Plane
- Parallelogram Proofs (#1)
- Parallelogram Proofs (#2)
- Parallelogram Proofs (#3)
- Rectangles
- Proving Rectangles in the Coordinate Plane
- Rhombi & Squares
- Classifying Parallelograms in the Coordinate Plane
- Trapezoids
- Kites
- Pythagorean Theorem & Converse
- Special Right Triangles
- Similar Right Triangles
- Geometric Mean
- Finding Side Lengths using Trigonometry

- Finding Angle Measures using Trigonometry
- Angle of Elevation & Angle of Depression
- Law of Sines
- Law of Cosines
- Law of Sines & Law of Cosines Applications
- Translations
- Reflections
- Rotations about the origin
- Rotations about any fixed point
- Dilations using the origin as the center
- Dilations using any point as the center
- Sequences of Transformations
- Symmetry
- Parts of a Circle
- Area and Circumference of a Circle
- Central Angles & Arc Measures
- Arc Length
- Chords and Arcs
- Inscribed Angles
- More with Inscribed Angles
- Tangents
- More with Tangents
- Arc & Angle Measures (formed by intersecting chords, secants, & tangents)
- More with Arc & Angle Measures
- Special Segment Lengths
- Equations of Circles
- Writing Equations of Circles by Completing the Square
- Area of Parallelograms & Triangles
- Area of Trapezoids
- Area of Rhombi & Kites
- Area of Circles & Sectors of Circles
- Area of Composite Figures
- Area of Shaded Regions
- Area on the Coordinate Plane
- Area of Regular Polygons
- Volume: Prisms & Cylinders
- Volume: Pyramids & Cones
- Density
- Surface Area: Prisms & Cylinders
- Surface Area: Pyramids & Cones
- Volume & Surface Area of Spheres
- Similar Solids
- Effects of Changing Dimensions
- Introduction to Sets
- Counting Outcomes
- Theoretical & Experimental Probability
- Geometric Probability (Segments)
- Geometric Probability (Area)
- Compound Probability
- Conditional Probability
- Two-Way Tables
- Permutations & Combinations
- Probability with Permutations & Combinations