

**Example 1: Rotate an Object**

Identify the angle of rotation and the direction based on the rotation rotations shown below.

a. R_{180}

b. R_{90}

c. R_{270}

**Example 2: Rotate an Object**

Identify the angle of rotation and the direction based on the rotation rotations shown below.

a. R_{180}

b. R_{90}

c. R_{270}

Constructing Center of Rotation

Step 1: Connect two pairs of corresponding vertices using line segments.

Step 2: Construct the perpendicular bisector of each segment.

Step 3: This is the point where the perpendicular bisectors intersect. This is the center of rotation!

Measuring Angle of Rotation

Step 1: Identify the center of rotation point.

Step 2: Measure the angle formed by connecting a preimage vertex to the center point of rotation.

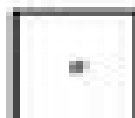
Step 3: Check your answer by completing steps 1 and 2 with other corresponding vertices.

**Example 1: Center and Degree of Rotation**

Figure A is rotated to produce Figure A'. Construct the center of rotation, the degree of rotation, and direction.

**Example 2: Center and Degree of Rotation**

Figure B is rotated to produce Figure B'. Construct the center of rotation, the degree of rotation, and direction.



Rotations Unit 02 Lesson 02 Geometry Key

A Gutmann



Rotations Unit 02 Lesson 02 Geometry Key:

Whispering the Strategies of Language: An Emotional Journey through **Rotations Unit 02 Lesson 02 Geometry Key**

In a digitally-driven world wherever displays reign supreme and quick interaction drowns out the subtleties of language, the profound strategies and emotional nuances concealed within words often go unheard. Yet, nestled within the pages of **Rotations Unit 02 Lesson 02 Geometry Key** a fascinating fictional prize blinking with natural emotions, lies a fantastic journey waiting to be undertaken. Written by an experienced wordsmith, that marvelous opus attracts viewers on an introspective trip, softly unraveling the veiled truths and profound impact resonating within the very material of every word. Within the mental depths of this emotional review, we can embark upon a heartfelt exploration of the book's key themes, dissect their interesting writing style, and succumb to the strong resonance it evokes deep within the recesses of readers' hearts.

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