

Intro to Geometry (Angles & Angle Measures)

I can define and identify angles.

Vocabulary

What is an angle?

An angle is the degree of measurement between two rays that share a common vertex.

Draw



Identify Angles

The angle can be written as $\angle BAC$ or $\angle CAB$.

The rays are written as \overrightarrow{AB} and \overrightarrow{AC} .

Angle Classification

What is it?

Acute Angle
(less than 90°)

What is it?

Right Angle
(exactly 90°)

What is it?

Obtuse Angle
(greater than 90°)

What is it?

Straight Angle
(exactly 180°)

Angle Classification Drawing



Your Turn

Intro to Geometry (Angles & Angle Measures)

Give me a set of 10 new questions and you will be a pro!

1 2 3 4 5

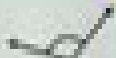
1. There are 3 angles below. Name the angles (use all 3 names).



$\angle EDF$
 $\angle EDG$
 $\angle GDF$

$\angle FDE$
 $\angle GDE$
 $\angle FDG$

2. Classify the following angles.



Right Angle, Straight Angle, Acute Angle, Obtuse Angle

3. Given that $\angle BAC = 60^\circ$ and AD bisects $\angle BAC$, find $m\angle BAD$.

(Hint - bisect means to "split in half")



$$\angle BAD = \frac{\angle BAC}{2} = \frac{60^\circ}{2} = 30^\circ$$

30°

Reflection: I learned four types of angle classification. I also learned that bisect means to split in half (divide by 2).

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Teaching Science With Interactive Notebooks Kellie Marcarelli, 2010-05-18 Packed with student samples this resource describes how to implement interactive notebooks in the inquiry based science classroom including execution time management and grading

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Table of Contents Middle School Math Interactive Notebooks

1. Understanding the eBook Middle School Math Interactive Notebooks
 - The Rise of Digital Reading Middle School Math Interactive Notebooks
 - Advantages of eBooks Over Traditional Books
2. Identifying Middle School Math Interactive Notebooks
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Middle School Math Interactive Notebooks
 - User-Friendly Interface
4. Exploring eBook Recommendations from Middle School Math Interactive Notebooks
 - Personalized Recommendations

- Middle School Math Interactive Notebooks User Reviews and Ratings
- Middle School Math Interactive Notebooks and Bestseller Lists
- 5. Accessing Middle School Math Interactive Notebooks Free and Paid eBooks
 - Middle School Math Interactive Notebooks Public Domain eBooks
 - Middle School Math Interactive Notebooks eBook Subscription Services
 - Middle School Math Interactive Notebooks Budget-Friendly Options
- 6. Navigating Middle School Math Interactive Notebooks eBook Formats
 - ePub, PDF, MOBI, and More
 - Middle School Math Interactive Notebooks Compatibility with Devices
 - Middle School Math Interactive Notebooks Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Middle School Math Interactive Notebooks
 - Highlighting and Note-Taking Middle School Math Interactive Notebooks
 - Interactive Elements Middle School Math Interactive Notebooks
- 8. Staying Engaged with Middle School Math Interactive Notebooks
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Middle School Math Interactive Notebooks
- 9. Balancing eBooks and Physical Books Middle School Math Interactive Notebooks
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Middle School Math Interactive Notebooks
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Middle School Math Interactive Notebooks
 - Setting Reading Goals Middle School Math Interactive Notebooks
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Middle School Math Interactive Notebooks
 - Fact-Checking eBook Content of Middle School Math Interactive Notebooks

- Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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medline pubmed electronic database was conducted

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