

Intro to Geometry
Angles & Angle Measures

Icon **Definition** **and** **Activity** **Angle**

Vocabulary
What is an angle?
An angle is the degree of measurement between two rays that share a common endpoint.

Icon **Definition** **Activity** **Angle**

The **small** can be written as **∠ABC** or **∠A**.
The **big** can be written as **∠A** and **A**.

Angle Classification

Right Angle, Acute Angle, Obtuse Angle, Straight Angle, Reflex Angle.

Angle Classification Drawing

Icon: Acute Angle, Right Angle, Obtuse Angle, Straight Angle, Reflex Angle.

Intro to Geometry
Angles & Angle Measures

It's a meeting of 3 rays meeting at one point with two rays?

Icon **Activity** **Angle**

YOUR TURN

There are 3 angles below. Name the angles (size of 6 rays)

$\angle EDF$ $\angle FDE$
 $\angle EGD$ $\angle GDE$
 $\angle EGF$ $\angle FGD$

Icon **Activity** **Angle**

Classify the following angles

Right Angle, Straight Angle, Acute Angle, Obtuse Angle.

Given that $\angle BAC = 60^\circ$ and AD bisects $\angle BAC$. Find $\angle BAD$ and $\angle CAD$.
 Hint - bisect means to "split in half".

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

Icon **Activity** **Angle**

Reflection I learned **4** 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 *Handbook of Research on Transforming Teachers' Online Pedagogical Reasoning for Engaging K-12 Students in Virtual Learning* Niess, Margaret L.,Gillow-Wiles, Henry,2021-06-25 The COVID 19 pandemic drastically transformed the classroom by keeping students and teachers apart for the sake of safety As schools emptied remote learning rapidly expanded through online services and video chatrooms Unfortunately this disrupted many students and teachers who were not accustomed to remote classrooms This challenge has forced K 12 teachers to think differently about teaching Unexpectedly and with little time to prepare they have been confronted with redesigning their curriculum and instruction from face to face to online virtual classrooms to protect students from the COVID 19 virus while ensuring that these new online initiatives remain sustainable and useful in the post pandemic world As teachers learn to take advantage of the affordances and strengths of the multiple technologies available for virtual classroom instruction their instruction both in online and face to face will impact what and how students learn in the 21st century The Handbook of Research on Transforming Teachers Online Pedagogical Reasoning for Engaging K 12 Students in Virtual Learning examines the best practices and pedagogical reasoning for designing online strategies that work for K 12 virtual learning The initial section provides foundational pedagogical ideas for constructing engaging virtual learning environments that leverage the unique strengths and opportunities while avoiding the weaknesses and threats of the online world The following chapters present instructional strategies for multiple grade levels and content areas best practices that work clearly describing why they work and the teachers pedagogical reasoning that supports online implementations The chapters provide ways to think about teaching in virtual environments that can be used to guide instructional strategy choices and recognizes the fundamental differences between face to face and virtual environments as an essential design component Covering such topics as K 12 classrooms pedagogical reasoning and virtual learning this text is perfect for professors teachers students educational designers and developers instructional technology faculty distance learning faculty and researchers interested in the subject

Teach Math Like This, Not Like That Matthew L. Beyranevand,2017-05-24 Teaching mathematics is one of the most difficult and important jobs that anyone can do Mathematics is a critical part of education and an essential building block for problem solving skills that are needed in the real world However many students struggle to learn and understand mathematical concepts and educators need to do everything possible to help our students learn This book focuses on four areas necessary to be an impactful teacher of mathematics Planning Pedagogy Assessment and Relationships For each of the ideas presented in the book a brief introduction will be shared and then two different perspectives will be detailed with examples The first is Not like This which is often the traditional way of teaching mathematics or the less effective approach

The second perspective is Teach Like This which is my recommended approach based upon research and my own experience as a teacher math coordinator and graduate instructor of math education [Teaching Science With Interactive Notebooks](#) Kellie Marcarelli,2010-05-18 Increase student learning in the inquiry based science classroom Interactive notebooks allow students to record observations reflect on learning and self assess their work Packed with student examples this detailed guide explains the unique features that make interactive notebooks more effective tools than conventional notebooks for science classrooms This resource Describes the nuts and bolts of implementing interactive notebooks including execution time management and grading Uses the 5E Learning Cycle as the framework for science instruction Emphasizes the importance of writing in science and provides strategies for modeling effective writing Explores strategies to encourage collaborative student inquiry and foster whole class discussions [**Interactive Math Notebook Resource Book, Grade 7**](#)

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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 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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