



Solving Angle Equations

Today's Standard

7.G.B5 - Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.

Real-World Applications for this Standard

Designing and constructing buildings; Creating art with precise angles; Engineering projects involving angles; Navigation and map reading; Computer graphics and animation

Today I Learned

Today, we learned about different types of angles and how to find unknown angles in shapes by using math equations.

Common Stumbling Blocks

Some kids think all angles in a shape add up to 180 degrees, but that's not always true. Others think adjacent angles are always supplementary, but they can have different relationships.

Quiz Me

- What is a supplementary angle?
- What is a complementary angle?
- What are vertical angles?
- What are adjacent angles?
- How do you find an unknown angle?

Help Me

We use angles in many real-world activities like building things, making art, and even in video games. Knowing how to find unknown angles helps us solve problems and understand the world better.