

Angles

Caleb is visiting more famous landmarks around the world! Let's see Caleb identify and draw the angles he sees in North America, Africa, and Asia!

Caleb's first stop is the Statue of Liberty in New York, USA. He sees an obtuse angle. Do you?

Watch as he draws the angle on the Statue of Liberty! What kind of angle did he draw?

Yes! Caleb drew an obtuse angle. An obtuse angle measures greater than 90 degrees.

Caleb draws an obtuse angle using the Statue of Liberty's arm. One ray starts at the base on her arm and points up toward the flame. The other ray starts at the same place and points down her robe.

Caleb is flying to Africa next!

Caleb is visiting the Great Pyramid of Giza in Africa! He sees an acute angle. Can you see an acute angle too?

Caleb draws an acute angle at the top of the pyramid. The tip of the pyramid is the point, and the rays go down each side of the pyramid!

Caleb has decided to visit another continent. This time he will fly to Asia!

Caleb stands in wonder as he looks at the Great Wall of China. He sees a lot of different angles, but he wants to focus on the right angles he sees.

A right angle is an angle that measures exactly 90 degrees.

Caleb knows an angle is a right angle when it has a square corner. He finds two right angles!

Caleb records the right angle in his journal. He draws a straight line across the top of the building and a straight line down the side of the building. He marks a square corner to show it is a right angle.

Caleb has had an exciting time recording angles in his journal during his travels.

On the plane ride home, he decides to take a look at the angles he has drawn in his journal.

He knows that the right angle makes a square corner, so the right angle is in the center.

He wonders how to tell the difference between the obtuse angle and the acute angle. Can you help him?

Caleb notices that the acute angle is smaller than the right angle. He also notices that the obtuse angle is greater than the right angle.

Caleb realizes that angles are all around him in objects and shapes. He wonders if he can see a right angle, an acute angle, and an obtuse angle in one place. Take a look at the airport terminal. What angles can you find?