

Names: _____

Directions: You will look through Google Cardboard on two locations and then switch with your partner. Your partner will read what you need to do. Open Cardboard; follow the directions on screen, then click on the Cardboard “Urban Hike.”

1. Read to your partner. “You should be looking at the Eiffel Tower. Located in Paris, France it is one of the most well known structures in the world. The Eiffel Tower is made from iron and weighs around 10,000 tons. From where you are standing look at the very top while I measure the angle.”

a. You need measure the angle using the protractor.

Angle measurement: _____

If the Eiffel Tower is 984 feet tall, how far are you from the base?

Have your partner look straight down and click the button to move to Tokyo.

2. Read to your partner. “You are now in Tokyo, Japan. Around 35 million people live in Tokyo, there are so many people most apartments are only 170 square feet. Look at the top of the building that has 5 different stories. From where you are standing look at the very top while I measure the angle.”

a. You need to measure the angle using the protractor.

Angle measurement: _____

If you are standing 250 feet from the building, how tall is the building?

The first person is done looking through Cardboard, switch so the second person has a chance. Have your partner look straight down and click the button to move to Venice.

3. Read to your partner. "You are now in Venice, Italy. Canals like the one we are on are the main communication routes and main entrances face the canal. During high tide, streets flood and cause the whole city to look underwater. Look at the top of the building at the end of the canal. From where you are standing look at the very top while I measure the angle."

a. You need to measure the angle using the protractor.

Angle Measurement: _____

If from where you are standing to the top of the building is 2,489 feet. How tall is the building.

Have your partner look straight down and click the button to move to Rome, Italy.

4. Read to your partner, "You are now in Rome, Italy outside of the Coliseum. The Coliseum was finished around year 80 almost 2,000 years ago. Most people know it from the battle arena, but they use to pump water in and have naval battles. Look at the very top of the Coliseum where there is a chunk missing. From where you are standing and looking, I will measure the angle."

a. You need to measure the angle using the protractor.

Angle Measurement: _____

If the coliseum is 157 feet tall, how far are you from the base of the wall?

Once done complete the calculations and hand in the assignment.