Math Puzzle
Central Avenue

Use the map below to solve the math problems on the next page.

Note: Map is not to scale.

E 14th Street

African American Firefighter Museum

Lincoln Theatre

Ralph J. Bunche Home

Central Avenue

E 40th Place

Dunbar Hotel

1. Farima starts at the African American Firefighter Museum which is located in the historic LAFD Fire Engine Company No. 30 and then walks to the former Dunbar Hotel where she meets up with a friend for lunch. After lunch, she walks to the Lincoln Theatre to admire the architecture. If the distance between the African American Firefighter Museum and the Dunbar Hotel is approximately 2 miles and the distance between the Lincoln Theatre and the Dunbar Hotel is 1 mile, how many miles did Farima walk in total?

Hint: This is an addition problem.

2. Andres lives near the Ralph J. Bunche House and volunteers at the African American Firefighter Museum on the weekends. Andres needs to drop off some fliers at the Lincoln Theatre. How far does Andres need to walk? If the distance between the African American Firefighter Museum and the Ralph J. Bunche Home is 1.6 miles and the distance between the African American Firefighter Museum and the Lincoln Theatre is 0.7 miles, then how far is the walk from the Ralph J. Bunche House to the Lincoln Theatre?

Hint: This is a subtraction problem. Line up the decimals before subtracting.

3. Think back to question number 1. If Farima does this walk three weekends in a row, how many miles does Farima walk in total?

Hint: Use multiplication.

Featured Locations

1. African American Firefighter Museum at LAFD Engine Company No. 30
2. Lincoln Theatre
3. Ralph J. Bunche Home
4. Dunbar Hotel

Answers

1. 2 + 1= 3 miles
2. 1.6-0.7= 0.9 miles
3. 3x3= 9 miles

To learn more about these historic places and others, visit laconservancy.org or click on the links above.