

Name: _____

Exploring the Mall Areas of the Lehigh Valley Area

Open the **Lehigh Valley Area Malls.kml** file in Google Earth. Examine the areas around the five malls. Helpful hint: You may wish to turn on the **Road layer** in Google Earth.

In the table below, place an "X" if the feature is present in the mall area.

	Lehigh Valley Mall	Westgate Mall	Palmer Park Mall	South Mall	Promenade Shops Mall
Residential areas (houses)	X	X	X	X	
Other stores	X	X	X	X	
Highway interchange	X	X	X	X	X
Main roads	X	X	X	X	X
Golf course (big green area)		X		X	X

1. Which mall area appears to have the **largest** residential area within a 2-mile area around the mall? (Hint: Use the Google Earth Ruler tool to measure the areas).

Lehigh Valley Mall

2. Which mall area appears to have the **smallest** residential area within a 2-mile area around the mall?

Promenade Shops Mall

3. Which mall would likely have the largest heat island effect? Lehigh Valley Mall

4. The Promenade Shops Mall is a new mall location. What are the **disadvantages** of having a mall located here?

People have to drive large distances to this mall. There are no sidewalks near the mall to provide walking opportunities for people who work nearby. Other commercial and residential development may likely occur near here impacting the natural area.

5. What are the **advantages** of having the Promenade Shops Mall located here?

Provides a shopping area for people in the southern area of the Lehigh Valley.

6. How would building a new shopping mall in the Lehigh Valley area affect the environment?

A new shopping mall will change the landscape of the natural environment. It could also cause urban heat island effects.

7. Where would be a good place to build a new shopping mall in the Lehigh Valley area? Why did you select that area?

Answers may vary. The best place to build a mall would be on the property of an abandoned industrial area, called a brownfield site. This would have minimal impact on the natural environment. Such areas exist in the southside of Bethlehem where Bethlehem Steel was once located. Allentown also has such areas.