

Name: _____

Exploring the Mall Areas of the Lehigh Valley Area Investigation Sheet

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) | | | | | |
| Other stores | | | | | |
| Highway interchange | | | | | |
| Main roads | | | | | |
| Golf course (big green area) | | | | | |

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). _____

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

3. Which mall would likely have the largest heat island effect? _____

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

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

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

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

