Wireless Security Protocols

**Instructions**: Read the following scenarios and choose the most appropriate wireless security protocol for each situation. Write your answers in the space provided.

# Scenario 1:

You are setting up a wireless network at home and want to ensure that your personal information is protected. Which wireless security protocol should you use?

Answer:

# Scenario 2:

Your school wants to secure its Wi-Fi network to prevent unauthorized access and protect sensitive data. Which wireless security protocol should they use?

Answer:

# Scenario 3:

You are at a coffee shop and want to connect to their public Wi-Fi network. Which wireless security protocol should you look for to ensure your data is encrypted?

Answer:

# Scenario 4:

Your company needs to set up a wireless network that provides the highest level of security. Which wireless security protocol should they choose?

Answer:

# Activity: Advantages and Disadvantages

Instructions: Work in small groups and discuss the advantages and disadvantages of each wireless security protocol mentioned in the lesson (WEP, WPA, and WPA2). Consider factors such as security, compatibility, and ease of use. Write your findings in the table below.

| **Wireless Security Protocol** | **Advantages** | **Disadvantages** |
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