# CP1402/CP5631 - Wireless and VLANs Review

Work through the following questions in groups.

## Wireless

1. What is the difference between an ad hoc WLAN and an infrastructure WLAN?  
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2. Compare and contrast CSMA/CD, used by Ethernet, and CSMA/CA, used by Wi-Fi.  
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3. What are war driving and war chalking?  
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4. Explain geofencing.

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1. What is the different between WPA and WPS attacks? Explain.

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1. What are criteria when deciding where to install an access point?

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1. Match the following terms with their descriptions:  
     
    **Reflection** signals split into secondary waves **Diffraction** signals diffuse in multiple different directions **Scattering** signals reflect to their source

## VLANs

1. True or false:  
   1. VLANs divide networks into multiple broadcast domains. T / F
   2. Packets must be routed to move between VLANs. T / F
   3. Frames receive an **802.1Q tag** to distinguish between VLANs. T / F
   4. TCP must be configured to work correctly over VLANs. T / F
   5. Both managed and unmanaged switches can create VLANs. T / F
2. Which ports are used to carry frames from multiple VLANs?
   1. Access
   2. Multiplex
   3. Polymorphic
   4. Trunk