USGS 7.5’ Topographic Quadrangle: Northspur, CA (Provisional Edition 1991)  
Contour Interval: 40 feet  
Approximate Area: 110 Acres  
Project Location and Description: Northern Mendocino County, 10 miles west of Willits within Jackson Demonstration State Forest. Proposed commercial timber harvest located on Three Chop Ridge.

Task #1: Identify (Map – Shade In) areas along and adjacent to the segment of trending ridge occurring within the project area. These are the areas with the greatest potential for prehistoric archaeological sites in this steep, rugged, heavily forested setting lacking natural forest openings. The map provided shows only a limited view of the topographic setting. To determine which ridge segments identified are indeed portions of long, trending ridge corridors, please refer to the complete quad map displayed on the classroom wall.

Task #2: MEN-790, also known as Three Chop Village, is located within this project area. This is the prehistoric/historic Pomo Village with distinctive housepits depicted in one of the videotapes shown in class. Looking closely at topography, try to predict where this site is located and plot that estimated location.
USGS 7.5' Topographic Quadrangle: Penoyar, CA (1986)

Contour Interval: 40 feet

Approximate Area: 350 Acres

Project Location and Description: 10 miles NE of Grass Lake, 4 miles north of Highway 97, in Northeastern Siskiyou County. This is a proposed CFIP project in and around a large wet meadow at the upper end of Horsethief Creek. Part of the project includes waterfowl habitat improvement in the marshy areas with the establishment of ponds for ducks and geese. The project also includes 23 small tree planting units encompassing 50 acres. Site preparation will be limited to hand grubbing. Seedling stock Ponderosa Pine will be planted.

Task #1: On the first of the two maps appearing above, shade-in those areas that appear to have the greatest potential for prehistoric archaeological resources.

Task #2: Closely examine both maps and list a few clues pertaining to the Hoffman Mill.

Task #3: The map on the right is a portion of the Government Land Office (GLO) plat accompanying the original cadastral survey for T45N, R2W (MDBM). Please also inspect the complete GLO hanging in the classroom. What clues can be gleaned from the GLO.
USGS 7.5’ Topographic Quadrangle: Auburn, Calif. (1956 [1981])

Contour Interval: 20 feet

Approximate Area: 885 Acres

Project Location and Description: Five miles due north of the town of Auburn in Placer County, drained by Orr Creek, just west of Christian Valley. Elevations range from 1420 to 1765 feet. This area includes foothills typical of the Northern Sierra Nevada, characterized by a brush and timber vegetation community. The area is dotted with over 50 homes scattered throughout a zone of heavy fuel loading. This is a BLM-funded fuels reduction project administered by CAL FIRE. Fuels within 300 feet of all homes will be thinned or removed by crews utilizing hand tools and piled and burned. Since the exact locations of treatment units and proposed burn piles are not known during the planning phase, an archaeological survey of the entire 885 acres was completed. Three prehistoric archaeological sites were identified and recorded during the survey. All three sites are relatively small in size, but contain deep, rich midden deposit with abundant surface artifact assemblages, including flakes and formed tools derived from basalt, chert and obsidian. Curiously, no bedrock mortars were found, although numerous such sites occur throughout the immediately surrounding areas. All three sites occur in locations within those favourable topographic and environmental settings mentioned in the previous presentations.

Task #1: Given the information above, try to predict where the three sites are located by choosing six specific locations which appear to have the greatest potential for containing prehistoric archaeological sites. Plot six small circles at these locations on the map above and try to hit one of the three sites.
USGS 7.5’ Topographic Quadrangle: Auburn, Calif. (1956 [1981])

Contour Interval: 20 feet

Approximate Area: 30 Acres

Project Location and Description: Seven miles north of Auburn in Placer County, just east of Highway 49. This small parcel was donated to the State of California for the purpose of constructing a CAL FIRE Fire Station. An archaeological survey will need to be conducted to support a CEQA document CAL FIRE will produce regarding environmental impacts and how they will be mitigated. Approximately 10 acres within the 30 acre parcel will be developed with access road, three buildings and paved and landscaped areas.

Task #1: With respect to map clues, what immediately jumps out at you when examining the USGS topographic map?
USGS 7.5' Topographic Quadrangle: Ramona, Calif. (1955[1988])

Contour Interval: 20 feet

Approximate Area: Linear Feature – ¼ mile long

Project Location and Description: Nine miles east of Ramona in San Diego County. The project is a proposed fuel break, two blades wide, extending approximately ¼ mile from Highway 78 (also known as the Ramona to Julian Road) to an existing dirt road. No wildfire is burning. This dozer line is being planned well in advance of any fire, but its purpose would be to provide additional protection to a large complex of industrial buildings located at the east end of Santa Teresa Valley. The placement and maintenance of a fire control line at this location would be very helpful to stop a wildfire moving east to west through Ballena Valley and the hills just north of that valley.

Task #1: This proposed fireline would go right through a recorded prehistoric village site containing midden deposits, bedrock mortars, Cuyamaca Ovals, milling slicks and cupule petroglyphs. You only have one try with a small circle. Try to hit the site. What kinds of artifacts might you expect to find on this site?