

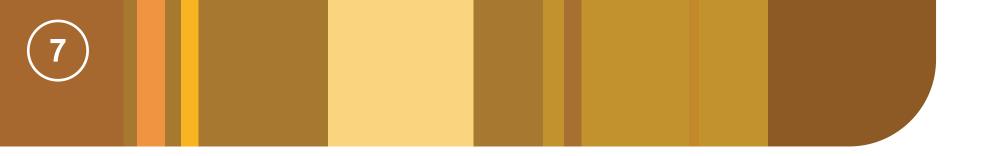
4th July 2005

Computer Graphics & Design 1

Faculty of Information and Communication Technology Silpakorn University, Thailand

Dr.Surapong Lertsithichai, Ph.D. Faculty of Architecture, Silpakorn University

Pongpan Suriyapat IT University of Göteborg, Sweden

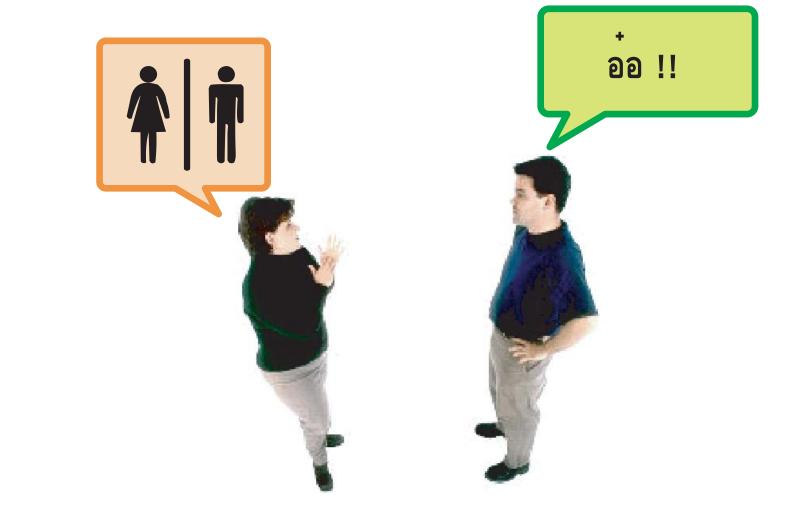


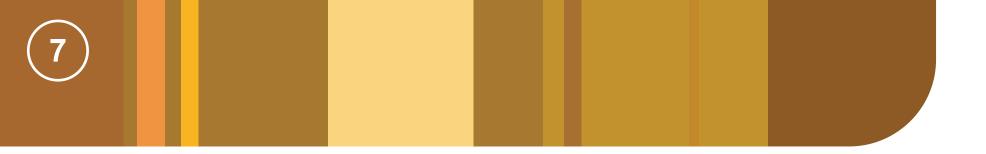
What is Sign ?

What is Symbol?

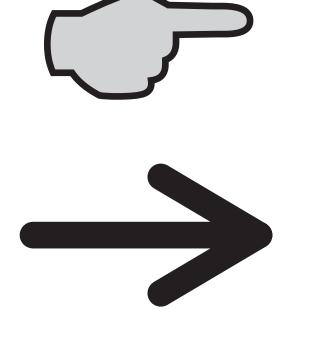












Global Language

Communication

Basic human survival skill

- Means of expression for mutual understanding (global words)
- Vocal or verbal communication (red indian)
- Represent and store information
- Condense information and meaning: Signs and Symbols

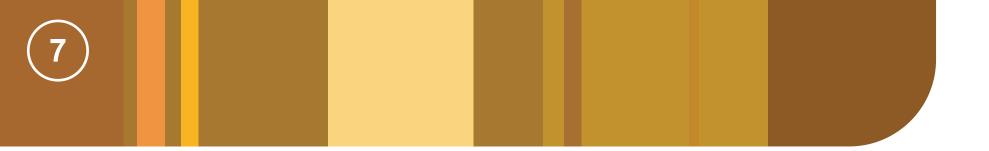


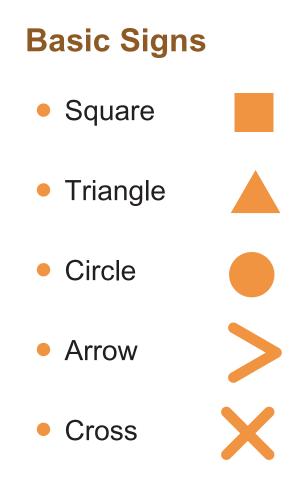
Where?



Sign Definition

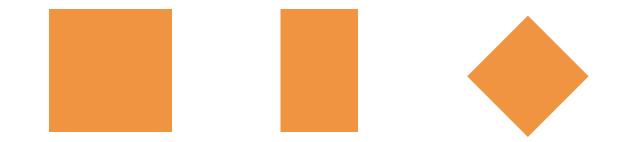
- Something that suggests the presence or existence of a fact, condition, or quality (Webster)
- An act or gesture used to convey an idea, a desire, information, or a command: gave the go-ahead sign (Webster)
- Signs can take the form of words, images, sounds, odors, flavors, acts or objects
- Anything can be a sign as long as someone interprets it as 'signifying' something - referring to or standing for something other than itself

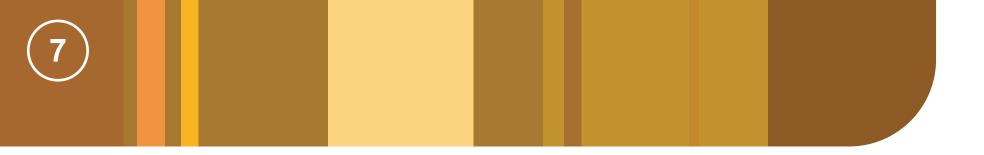




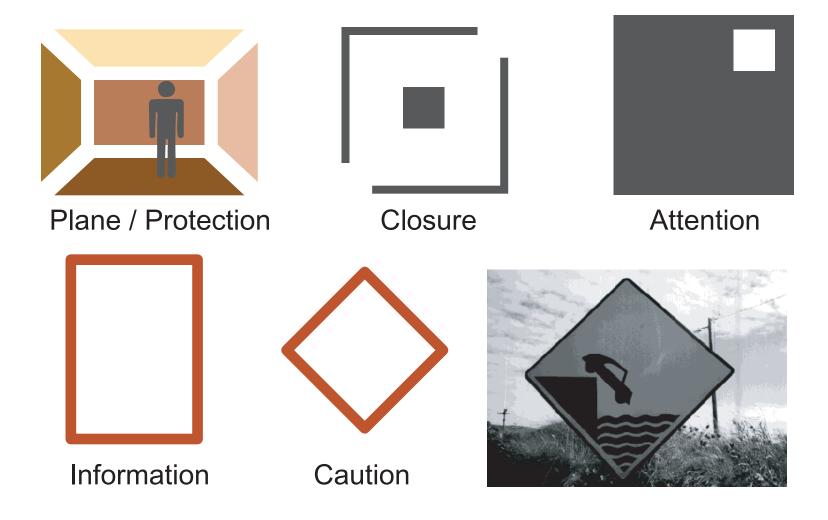
The Square

- Characteristics: closed, boundaried property, protection, floor, ceiling, earth's surface
- On a corner: disquieting, yield attention (traffic sign backgrounds)
- Oblong (rectangle): lose neutral status, directional



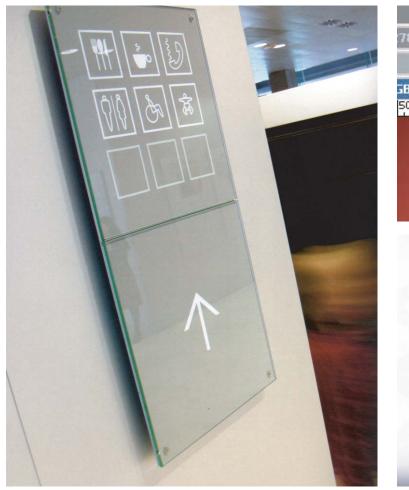


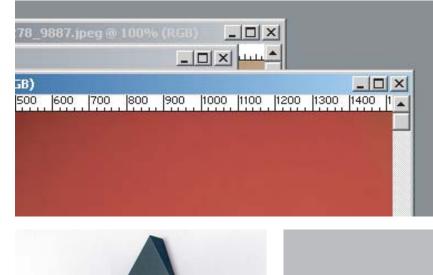
The Square





The Square







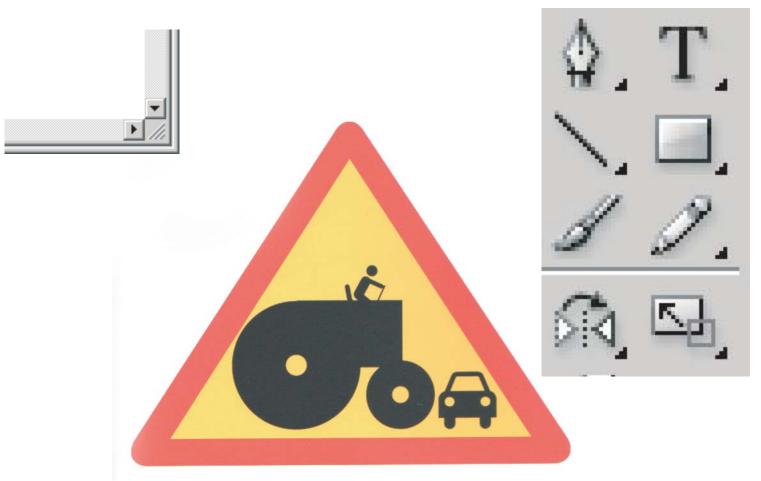
The Triangle

- Characteristics: closed, relate to horizontal or vertical reference line
- Vertical triangle: horizontal movement, left or right
- Horizontal triangle: horizontal base conveys stability or permanence (warning), reversed triangle conveys aggression or prohibitness





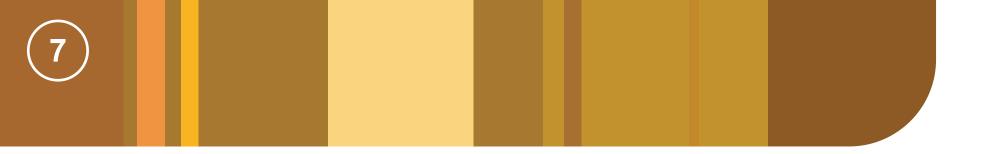
The Triangle



The Circle

- Characteristics: closed, eternal recurrence
- Meanings:
 - Going around, cycle
 - No beginning, no ending
 - Towards center or radiate outward

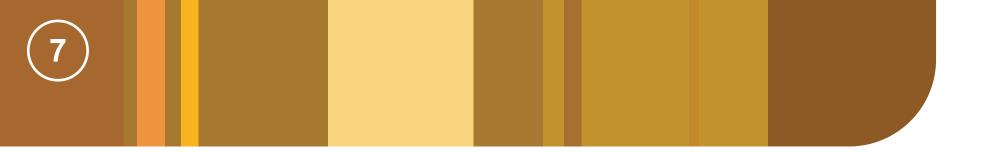




The Circle

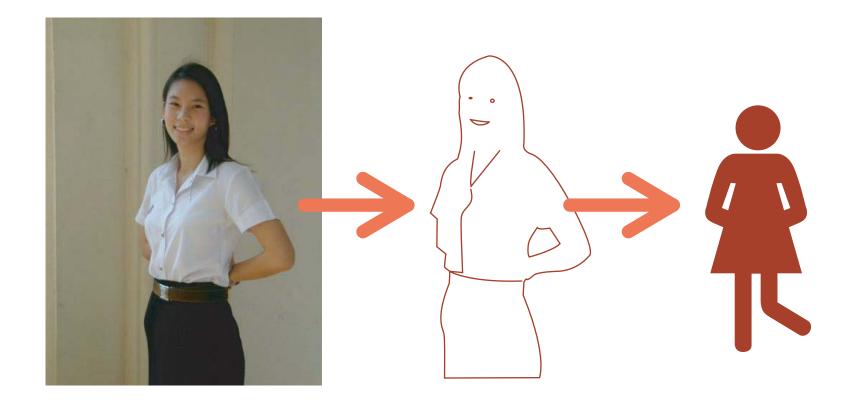






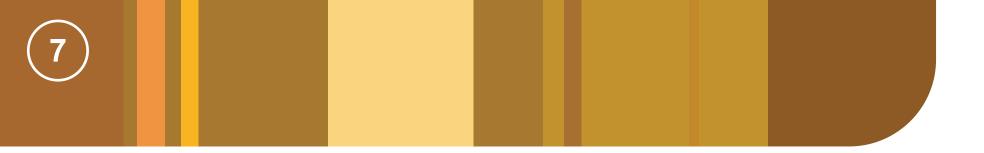
Creating Signs

• Simplify the Form

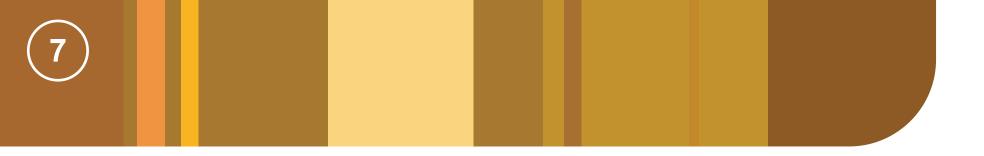


Creating Signs

- Combination of basic sign elements
 - Same forms
 - Different forms
 - Open/ Closed forms
- Outline and Solid
 - Thickness of lines
 - Swelling and shrinking
- Positive and Negative
 - Indication of form, absence of form
- Patterns
- Volumetric
 - Perspective
 - Shadowing
 - Optical illusions
- Colors
 - Distinguishable, memorable (Black, White, Red, Yellow, Blue, Green, Orange, Brown)
 - Color psychology (warm/ cold, abstract meanings)



















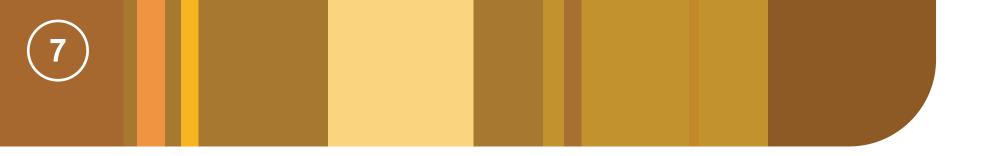






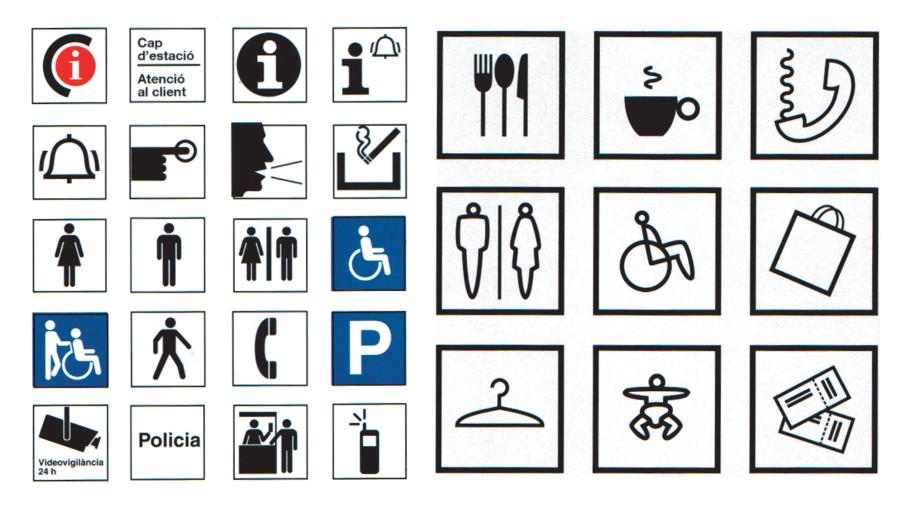
























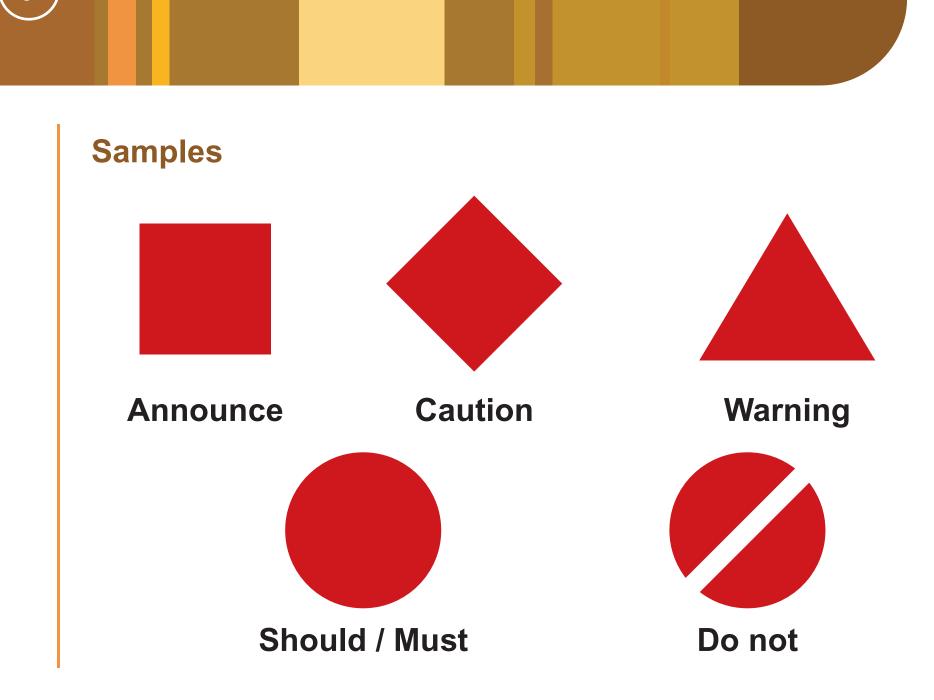












Symbols

- Something that represents something else by association, resemblance, or convention, especially a material object used to represent something invisible (Webster)
- A printed or written sign used to represent an operation, element, quantity, quality, or relation, as in mathematics or music (Webster)
- An object or image that an individual unconsciously uses to represent repressed thoughts, feelings, or impulses: a phallic symbol (Psychology)
- A mode in which the signifier does not resemble the signified but is fundamentally arbitrary or purely conventional - so that the relationship must be learnt (e.g., language in general, numbers, morse code, traffic lights, national flags)

Types of Symbols

Figurative Symbols

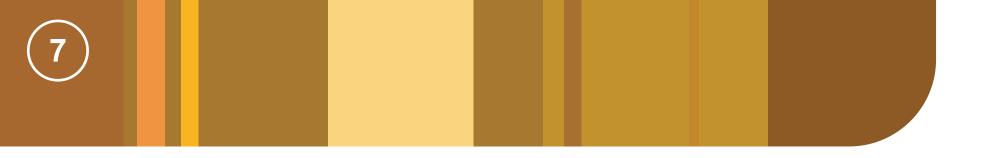
- Fauna (animals)
- Plants
- Human form (whole or parts)

Objects, elements of nature (i.e., tools, sun, clouds, etc.)

Abstract Symbols

- Cross
- Signs symbolizing movement
- Overlapping, interweaving, knotting
- Sun signs
- Stars
- Geometric forms





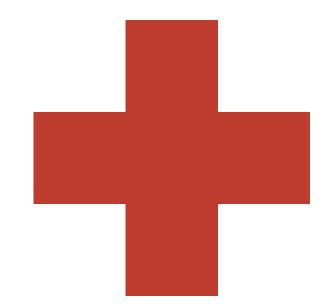






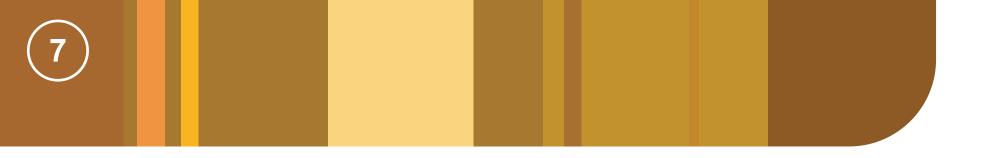


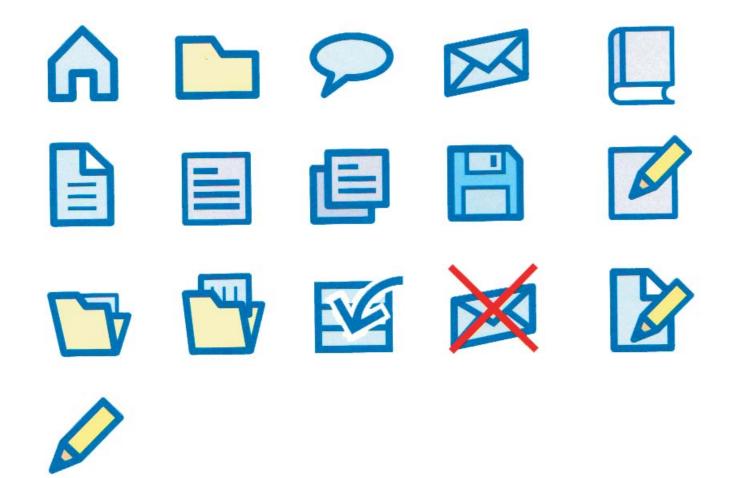












































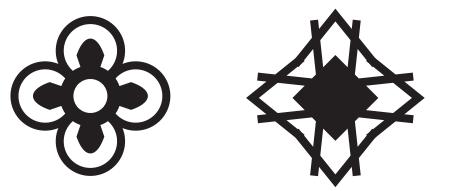


Assignment

3 Signages for Samurai / Ninja : Using the elements below

inversed use or substractive are allowed.

Sample

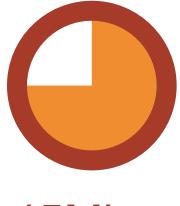




30 Mins.

Assignment

3 Symbol represents : What students said.....



45Mins.