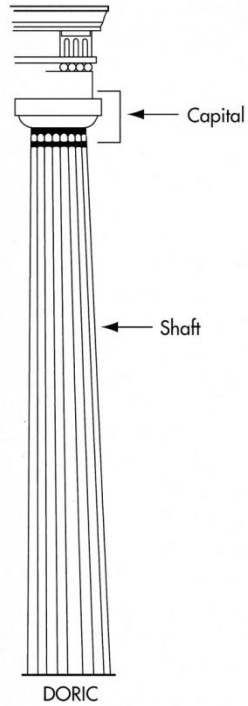


# Power of Art

## Chapter 10 The Art of Architecture

Because important buildings often incorporate sculpture, paintings, murals, frescos, or mosaics, as well as decorative objects, architecture is often called the “Queen of the Arts,” uniting and ruling over a kingdom of different media.

# The Greek Orders



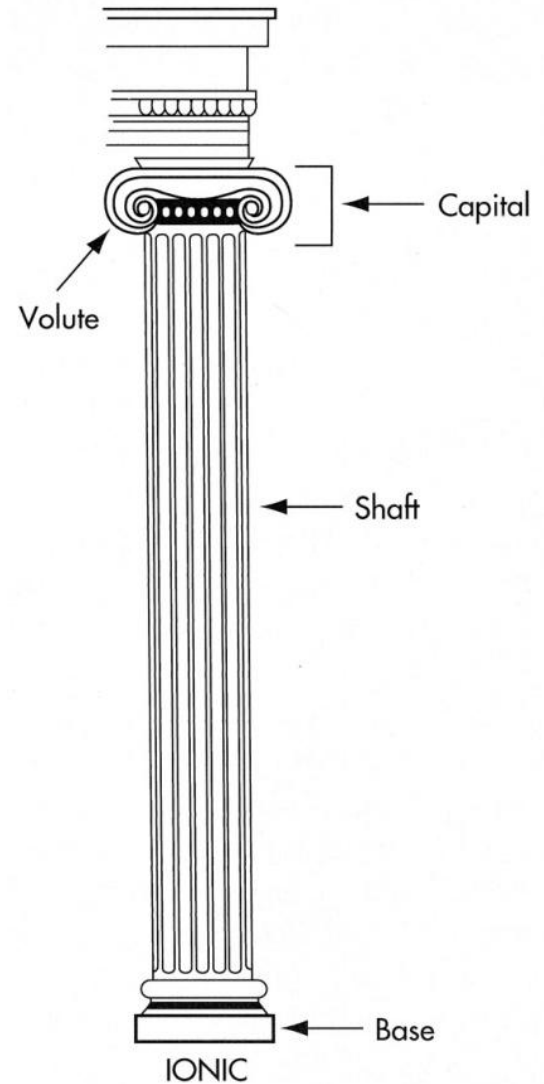
- The Greek Orders
- The *Doric column*



- The Parthenon

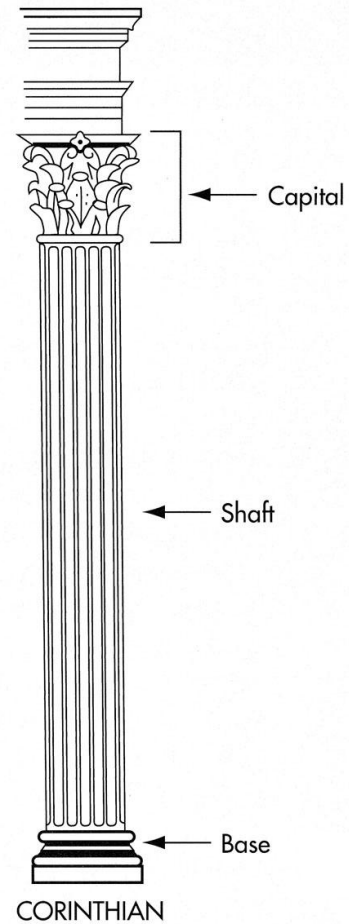
# The Greek Orders

- The *Ionic* column



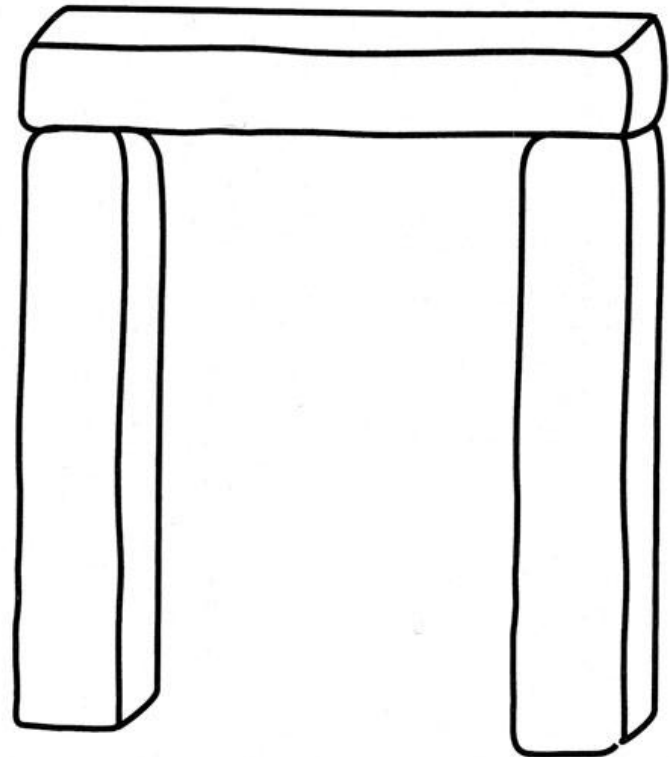
# The Greek Orders

- The *Corinthian column*



# Materials and Methods - Stone

- Masonry construction
- The Greeks perfected *post and lintel* construction



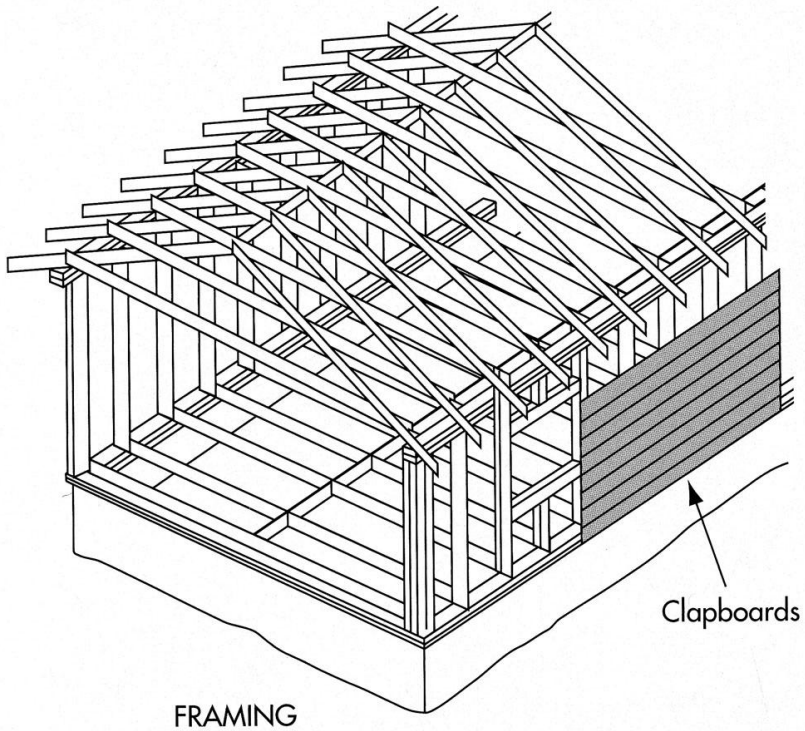
POST-AND-LINTEL

# Materials and Methods - Stone

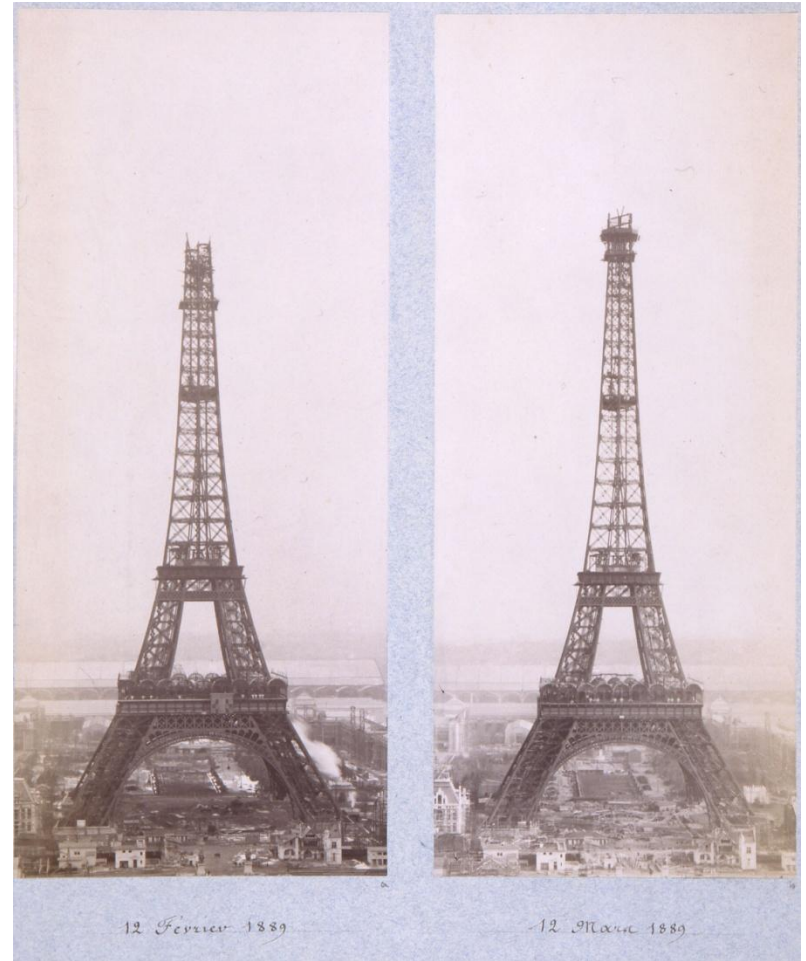
- Roman invention



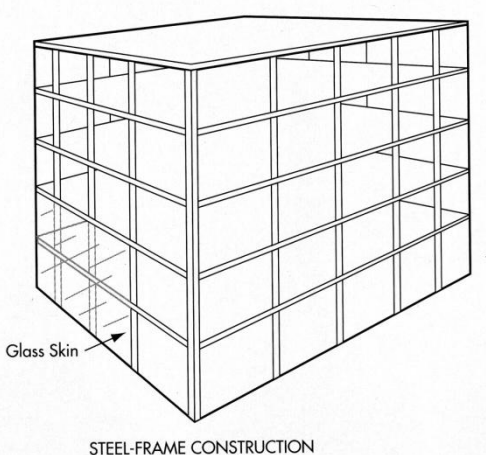
# Materials and Methods - Wood



# Methods and Materials- Iron



# Materials and Methods – Steel & Glass



# Materials and Methods – Reinforced Concrete

- *Concrete*
- *Reinforced concrete*
- Buildings shapes



# Computer aided Architectural Design



- *Computer-aided design (CAD)*

# Chapter 10 – Image List

- Itkinos and Kallikrates “The Parthenon”  
Greek – p.169
- Greek orders – p. 170
- Gustave Eiffel – “Eiffel Tower” p. 176
- Frank Gehry “Guggenheim Museum of Art” p. 179