

Hagia Sophia

Manual drawing
Explain through
the sketch

Plan
Section
Elevation
3D Perspective

Pantheon, Rome

Manual drawing
Explain through
the sketch

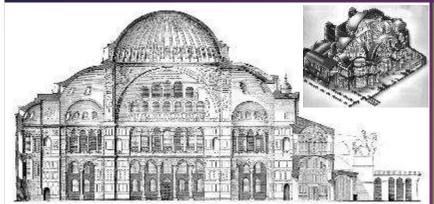
Plan
Section
Elevation
3D Perspective

The Eastern Empire

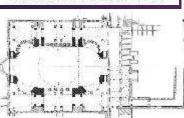
Comparison

The Western Empire

Hagia Sophia Dome, Istanbul / Turkey

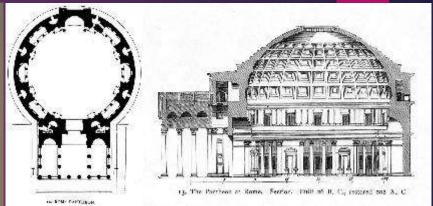








The Pantheon Dome, Rome / Italy









The Eastern Empire

Comparison

The Western Empire

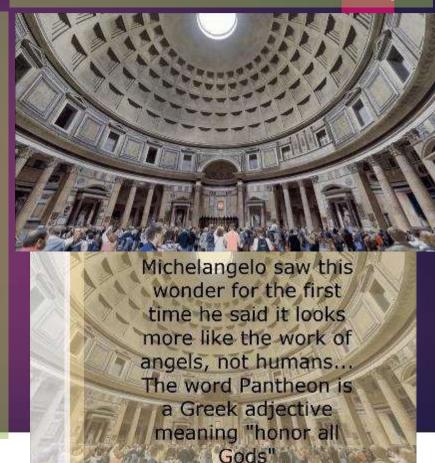
Hagia Sophia Dome, Istanbul / Turkey

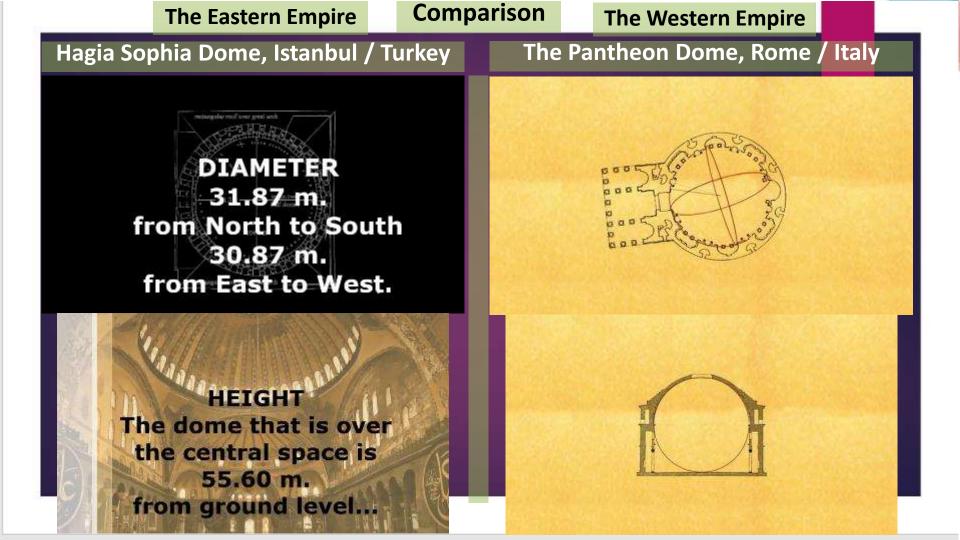
The Pantheon Dome, Rome / Italy

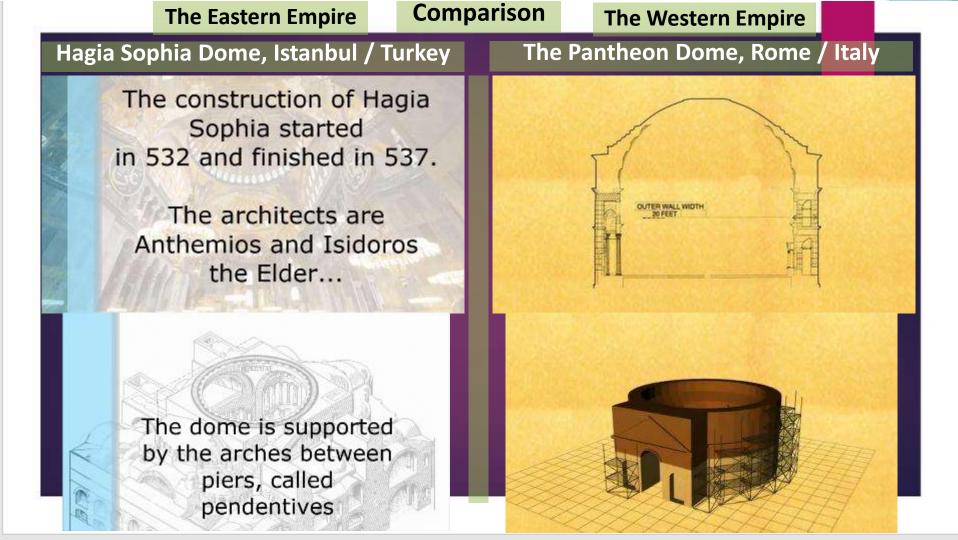


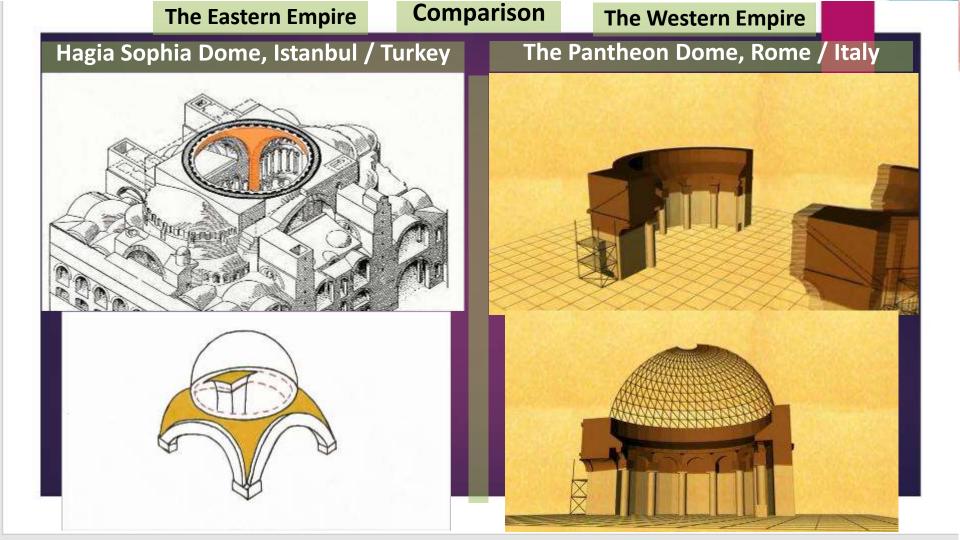
The Hagia Sophia, the biggest church constructed by the East Roman Empire in Istanbul, has been constructed three times in the same location.

When it was first built, it was named Megale Ekklesia (Big Church); however, after the fifth century, it was referred to as the Hagia Sophia (Holy Wisdom).

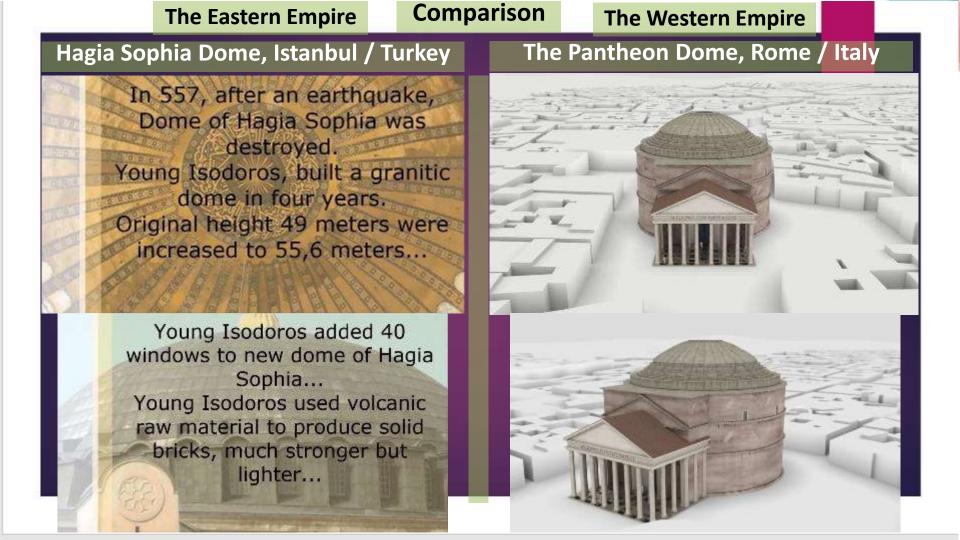


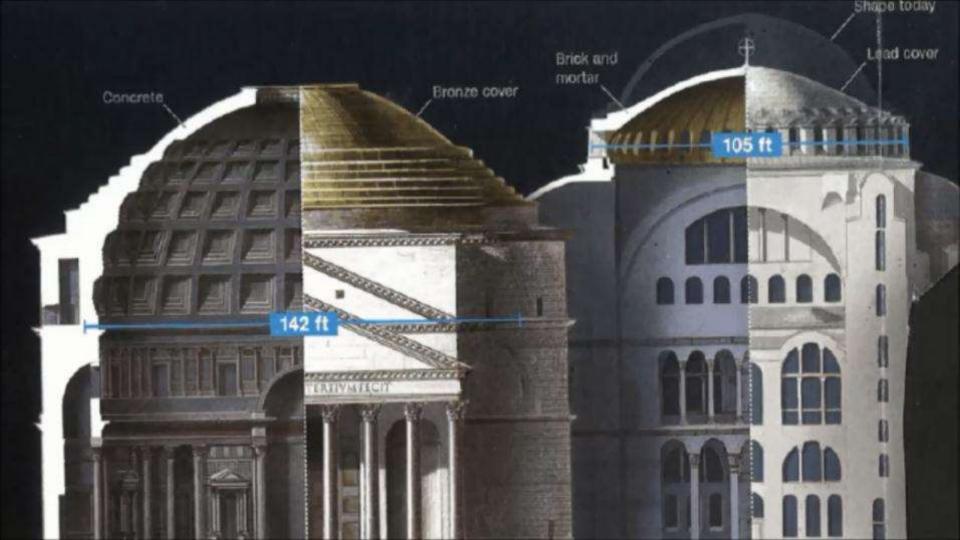






Comparison The Eastern Empire **The Western Empire** Hagia Sophia Dome, Istanbul / Turkey The Pantheon Dome, Rome / Italy Domes replaced the square rooftops of typical Roman architecture, using pendentives to achieve this goal. HAGIA SOPHIA COLLAPSE





Lead cover

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Eronze cover

Pantheon, Rome, AD 130 has diameter 142 ft (43 m)

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Hagia Sophia, AD 537 has diameter 105 ft (31,87 m)



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