

Angels in the Architecture 2: Build it Bigger Round 2

1. *Pievi* are distinguished by their attachment to these buildings. Although the sixth-century Council of Auxerre banned burials in these buildings, the tomb of Antipope John XXIII can be found in one of them. A multi-story one of these buildings was designed in pink marble by Benedetto Antelami for the city of Parma. Eight porphyry columns surround a space topped by a depiction of the Battle of Milvian Bridge at one of these buildings legendarily used by Constantine and connected to St. John Lateran. The cloth merchants' guild commissioned part of the most famous of these buildings, which led to a showdown between Brunelleschi and Ghiberti. For 10 points, name this kind of church structure that contains a font for performing the first sacrament.

ANSWER: **baptistery**

2. This city's monorail was constructed under the rule of Yi Ming. Cultural attractions in this city include the Five-Seven-Five Society, a haiku club. Rock-cut houses line the walls of the Crystal Catacombs, which can be found beneath this city's palace. Houses in this city's Lower Ring have brown roofs, those in its Middle Ring have green roofs, and those of its Upper Ring have yellow roofs. This city's zoo is relocated to its Agrarian Zone thanks to the use of an animal-taming bison whistle. The ineffectual Terra Team is dispatched to fight off a massive drill that threatens to breach this city's wall when it is besieged by the Fire Nation. For 10 points, name this capital of the Earth Kingdom in *Avatar: The Last Airbender*.

ANSWER: **Ba Sing Se**

3. The oldest extant collection of buildings of this type make up the the Vicars' Close at Wells Cathedral. John Wood the Younger completed his father's design for three groups of these buildings around the Bath Circus and, a short distance away, also designed a semicircular arrangement of these buildings called the Royal Crescent. The oldest planned square in Paris, the Place Des Vosges, is surrounded by early buildings of this type. In New York City, this building type is often referred to simply by its common material, brownstone. The high-rise apartment eventually replaced this kind of building as the most popular workers' housing. For 10 points, name this urban housing form that consists of a linked series of pretty much identical dwellings that share side walls.

ANSWER: **townhouses** [or **rowhouses**; or **terrace houses**]

4. Fragments of statuary incorporated into the walls of a house on this site were dubbed "blossoms of the soul" by its designer. A rhomboid tower and an octagonal one on this site intersect to create an unorthodox wooden windmill named for Romeo and Juliet. This site of the former Hillside Home School and foundational home of the Fellowship includes a home for the architect's sister called Tan-Y-Deri. Its designer's mistress Mamah Berwick and some other residents were murdered by cook Julian Carlton, who set fire to this house's first version. This site's designer opened a school in its studio wing and gave its central house a name translated as "shining brow" in keeping with his Welsh heritage. For 10 points, name this house in Spring Green, WI, designed and inhabited by Frank Lloyd Wright.

ANSWER: **Taliesin** [don't accept or antiprompt on "Taliesin West"]

5. One feature of this architectural order supposedly recalls the wooden cross-beams of earlier truss constructions, and that feature is visually "supported" by small stylized pegs called *guttae*. One of the great open questions of classical architecture was how to solve the spacing problems this order fell into at facade corners. The most pronounced extant example of *entasis*, or optical correction, occurs in the columns of a group of temples built according to this order at Paestum. The frieze of this order is composed of alternating triglyphs and metopes, and its columns stand directly on the stylobate level, with no base. With a column height to width ratio of about six- or seven-to-one, this order was considered the most squat and masculine choice. For 10 points, name this simplest of the classical orders.

ANSWER: **Doric** order

6. The first-ever activation of one of these structures took place during a Carol Burnett revue show with the Pittsburgh Civic Light Opera. One of these structures at Safeco Field is purposely incomplete, while Cowboys Stadium features the largest one in the world. A massive slanted tower holds the cables that operate one of these structures that was notoriously not finished in time for the 1976 Olympics in Montreal. One of these structures with an eight-piece pinwheel design, stamped with the Mercedes-Benz logo, was christened "Megatron's Butthole" by Deadspin and is part of a replacement for the Georgia Dome that opened in Atlanta last fall. For 10 points, name this feature of some stadiums that allows games to be played either inside or outside.

ANSWER: **retractable roof** [prompt on stadium]

7. In the 1981 book *The Contractors of [this building]*, kooky Australian architect-turned-historian John James unsuccessfully tried to convince the world that this building was built by roving teams of masons working one-year shifts. In an interdisciplinary 2010 book, musicologist Margot Fassler discussed “Making History Through Liturgy and the Arts” in the community around this building. Because Reims was still held by the Catholic League, Henry IV was crowned here instead. After a fire burned Bishop Fulbert’s earlier Romanesque church, this building replaced it on the same foundations and became the fastest constructed Gothic cathedral, substantially completed between 1194 and 1220. This church’s north tower is three centuries younger and thirty feet taller than its south one. For 10 points, identify this Gothic cathedral in a town southwest of Paris.

ANSWER: Cathédrale Notre-Dame de **Chartres** [or Cathedral of Our Lady of **Chartres**; or **Chartres** Cathedral]

8. In a break with precedent, Congress turned fundraising for a memorial to this president over to private organizations. This president’s granddaughter Susan led the effort to have him honored with a “living memorial” in the form of a think tank, rather than with a physical structure, but nonetheless plans to honor him with a series of massive steel “tapestries” across the street from the Air and Space Museum have been proposed. That proposed memorial to this president has been stuck in development hell due to objections to Frank Gehry’s design. This president’s greatest impact on the built environment was his overseeing of an infrastructure program designed to facilitate the evacuation of cities and speed up military maneuvers. For 10 points, name this president who created the Interstate Highway System.

ANSWER: Dwight D. **Eisenhower**

9. Janmarg, an example of this type of construction in Gujarat, was built under Narendra Modi’s governorship. Rea Vaya, Africa’s first “full” one of these, opened before the 2010 World Cup. 357 pairs of glass tubes are a part of the world’s first of these creations, located in Curitiba, Brazil. Dan Malouff has analyzed the “creep” that removes ideal features from these systems during their planning. Bogotá’s TransMilenio ranks the highest on a scorecard developed by ITDP for this type of system. Top-tier American examples include Hartford’s signal-prioritized and grade-separated CTfastrak and Cleveland’s Healthline. Boston’s Silver Line lacks many of speed-promoting elements and is thus only debatably this kind of transit. Off-board fare payment, raised platforms, and dedicated lanes are some features of, for 10 points, what type of trackless public transit that provides rail-comparable service using buses?

ANSWER: **bus rapid transit** system(s) [or **BRTS**; or **bus rapid transport** system(s); accept more specific answers like “**bus rapid transit** stations” or “**bus rapid transit** lanes”; prompt on any other answer containing “bus(es)”; prompt on “rapid transit,” “rapid transport,” “rapid transit system(s),” or “rapid transport system(s)”]

10. This architect designed a “village green” lined with “houses” and five brightly colored tile pavilions along Independence Avenue for a school for children with severe intellectual disabilities. This designer of St. Coletta of Greater Washington initially rose to prominence for designing the Snyderman House in Fort Wayne. Caryatids in the form of the Seven Dwarves hold up the pediment of this man’s Team Disney Building in Burbank, and he also designed the Swan and Dolphin Hotels for Disney World. A copper sculpture of a crouching woman holding a trident stands in front of this man’s most famous building, which is hung with a concrete garland of blue ribbons. For 10 points, name this postmodern architect of the Portland Building.

ANSWER: Michael **Graves**

11. The architectural partnership of Percier and Fontaine flourished under this patron, who features prominently in the *History of Christianity* fresco executed by Jules-Claude Ziegler for a church he commissioned based on the antique temple design of the Maison Carrée. This man commissioned a bronze column covered with a bas relief narrative in imitation of Trajan and had it placed at the center of the Place Vendôme. For this client, Jean Chalgrin designed a commemorative structure whose sculpture groups include one now called La Marseillaise. That structure commissioned by this man stands at the center of the twelve-street intersection of the Place de l’Etoile. The church of La Madeleine was commissioned by this man to honor his army, as was the Arc de Triomphe. For 10 points, name this important patron of neoclassical architecture and Emperor of France.

ANSWER: **Napoleon I Bonaparte** [accept either]

12. Visitors to one of this deity’s temples are invited to make a wish and then attempt to pick up a pair of stones—if they can do so easily, the wish will come true. At that temple, this deity is worshipped at numerous privately-donated, individual-sized altars called *otsuka*. Unlike at other Shino shrines, paths to this deity are flanked not by pairs of guardian lions but by red-bibbed creatures holding Sutra scrolls, granary keys, or jewels in their mouths. Fully a third of Shinto shrines are dedicated to this deity, and those traveling to visit them pass through tunnels of

torii gates donated by businesses grateful for success. Pairs of *kitsune*, or fox statues, guard the approaches to this deity's temples. For 10 points, name this kami of rice and fertility.

ANSWER: Okami **Inari**

13. The northwest gate of this city is sometime known as the Gate of the Column because in ancient times it was marked by a column topped by a statue of Hadrian. Justinian commissioned this city's largest church, the Nea Ekklesia, whose remains remained unexcavated until the 1970s; that archaeological campaign also uncovered this city's first-century Burnt House. Another church in this city contains a small wooden chapel structure called the Aedicule beneath its Anastasis rotunda. This city's Roman *cardo* has been transformed into a modern shopping district. For 10 points, name this city, renamed Aelia Capitolina in the first century, that in Roman times was the site of the Church of the Holy Sepulcher.

ANSWER: **Jerusalem**

14. Since the 1970s, one of these buildings that towers over the Capital Beltway has periodically been "captioned" by a message reading "SURRENDER DOROTHY" spray-painted onto a nearby bridge. William Weeks was the first architect of one of these buildings, in which role he was succeeded by Truman Angell. The standard size of these buildings was decreased but their number greatly increased under the leadership of Spencer Kimball and Gordon Hinckley. Entrance to one of these buildings requires a bishop and a stake president to sign a "recommend." For 10 points, name these buildings that are distinguished from meetinghouses by the fact that sealings and endowments can take place in them and whose largest example can be found in Salt Lake City.

ANSWER: **Mormon Temples** [or **Temples** of the Church of Jesus Christ of **Latter-day Saints**]

15. The probable first of these buildings was located at Newington Butts. The only surviving visual record of the use of one of these buildings is the Peachem drawing, and Sam Wanamaker led a decades-long struggle to rebuild one in the late 20th century. Because these buildings were banned in the city itself, they were often located in Shoreditch or Bankside, where examples like the Rose and the Swan competed with one another. The back of these buildings commonly included a small structure called the tiring house. A former Dominican monastery owned by Richard Burbage served as one of these buildings in the wintertime. The prologue of *Henry V* famously refers to one of these buildings as a "wooden O," and their design centered on a "pit" in which the groundlings could stand. For 10 points, name these London buildings that included the Curtain and the Globe.

ANSWER: Shakespeare's **theaters**

16. Sculptor Peter Rockwell and art historian Vidya Dehejia collaborated on a book exploring the finished/unfinished distinction in buildings of this type. Pointed arches called *gavakshas* top the entrances to many buildings constructed in this manner. Although the earliest *chaitya* halls were made of wood, the majority of extant ones were made this way. The best preserved collections of ancient Indian paintings exist on walls created in this way. The largest building of this kind in the world, the Kailash Temple, is unusual for being created not from the outside in but rather from the top down. The cliffs of the Deccan Traps invited this kind of architecture, though a number of examples can also be found on Elephanta Island in Mumbai Harbor. For 10 points, name this method used to create the temples at the Ajanta Caves and Ellora Caves.

ANSWER: **rock-cut** architecture [accept anything indicating the spaces are **excavated** or **carved** from the living **rock**; prompt on anything that only provides the material with "built how?"]

17. J.J. Tikkanen discovered that mosaics depicting scenes from Genesis in this city were modeled on illustrations found in the Cotton Genesis manuscript. A molding element sometimes named for this city features alternating notches cut into the upper and lower sides of a band to produce a double dentil. Two columns, legendarily from Acre, that stand beside this city's cathedral are actually originally from the Church of St. Polyeuctos. The builders of this city's cathedral imitated Justinian's Church of the Holy Apostles in their use of five domes arranged in a quincunx. A quartet of bronze horses and the porphyry sculpture of the Four Tetrarchs were brought to this city's cathedral after the Sack of Constantinople during the Fourth Crusade. For 10 points, name this Italian city whose Byzantine heritage is very apparent at its St. Mark's Basilica.

ANSWER: **Venice**

18. Numerous charts in this book explore the relationship between "Space, Scale, Speed and" a concept usually represented by the CBS eye logo. This book adapts Nolli's map of Rome to its subject and claims that the piazza has been replaced by the A&P parking lot. Peter Blake's *God's Own Junkyard* was the source for this book's image of a Flanders, New York, poultry shop that it classifies as a "duck" and denigrates in comparison to the model of the "decorated shed." This book further developed ideas found in the earlier *Complexity and Contradiction in*

Architecture. For 10 points, name this book by Steve Izenour, Denise Scott Brown, and Robert Venturi, which includes extended explorations of the semiotics of casino signs along the Strip.

ANSWER: ***Learning from Las Vegas: The Forgotten Symbolism of Architectural Form***

19. This firm designed a glass cylinder a hundred meters in diameter, filled with upward-protruding rectangular courtyards, for the 21st Century Museum of Contemporary Art in Kanazawa. They took essentially the opposite approach for a building in Lausanne sandwiched between two undulating rectangular sheets of concrete with circular courtyards punched through them. The first project in America by these designers of the Rolex Learning Center was the Glass Pavilion at the Toledo Museum of Art, which they followed up with another museum project composed of seven stacked boxes clad in an aluminum mesh, towering over the Bowery, for the New Museum. For 10 points, name this Japanese firm founded by 2010 Pritzker winners Ryue Nishizawa and Kazuyo Sejima.

ANSWER: **SANAA** [or **Sejima and Nishizawa and Associates**, but no one says that]

20. An Italian architect working in this country designed an art museum whose exhibition space is suspended in midair by a pair of giant red concrete beams. This adoptive home of Lina Bo Bardi was also home to the designer of the orange and grey patterns along the Biscayne Boulevard sidewalk in Miami. Landscape architect Roberto Burle Marx designed the rooftop garden for this country's Ministry of Education and Health Building. Other government buildings here include a National Congress building topped by a matching white dome and bowl. For 10 points, name this South American country whose airplane-shaped capital was developed by Lucio Costa and Oscar Niemeyer.

ANSWER: Federative Republic of **Brazil**