

When Caples Jefferson designed the new spiral glass lobby for the Queens Theatre, they gave new life to the existing **site**. Complete the picture below by drawing in the old part of the theatre behind this new glass lobby.



QUEENS THEATRE

Located at 14 United Nations Avenue South in Flushing Meadows Corona Park, **Queens**, this **institutional** building was originally designed by **Philip Johnson** in the **Modernist** style for the 1964-65 World's Fair.

In 2012, **Caples Jefferson Architects** added a new lobby and cabaret theatre.



CENTER FOR ARCHITECTURE

The golden ceiling of the lobby is created by using part of a sphere. The round **skylight** in this shape lets in light and frames a view of the Astro-View towers. Find the right spot for this view and draw it in above.

The Queens Theatre was built as **Theaterama**, a movie theatre in the round, as part of the Fair's New York State Pavilion. The structures next to it were the **Tent of Tomorrow** and **Astro-View observation towers** (pictured below). The pavilion's buildings looked to the future and showcased new ways of building and living to create excitement about new technologies and our future. Cut out the colorful strip below and tape the ends together to create a mini model of the Tent of Tomorrow. What new inventions or ideas would you include in a "Tent of Tomorrow" today?

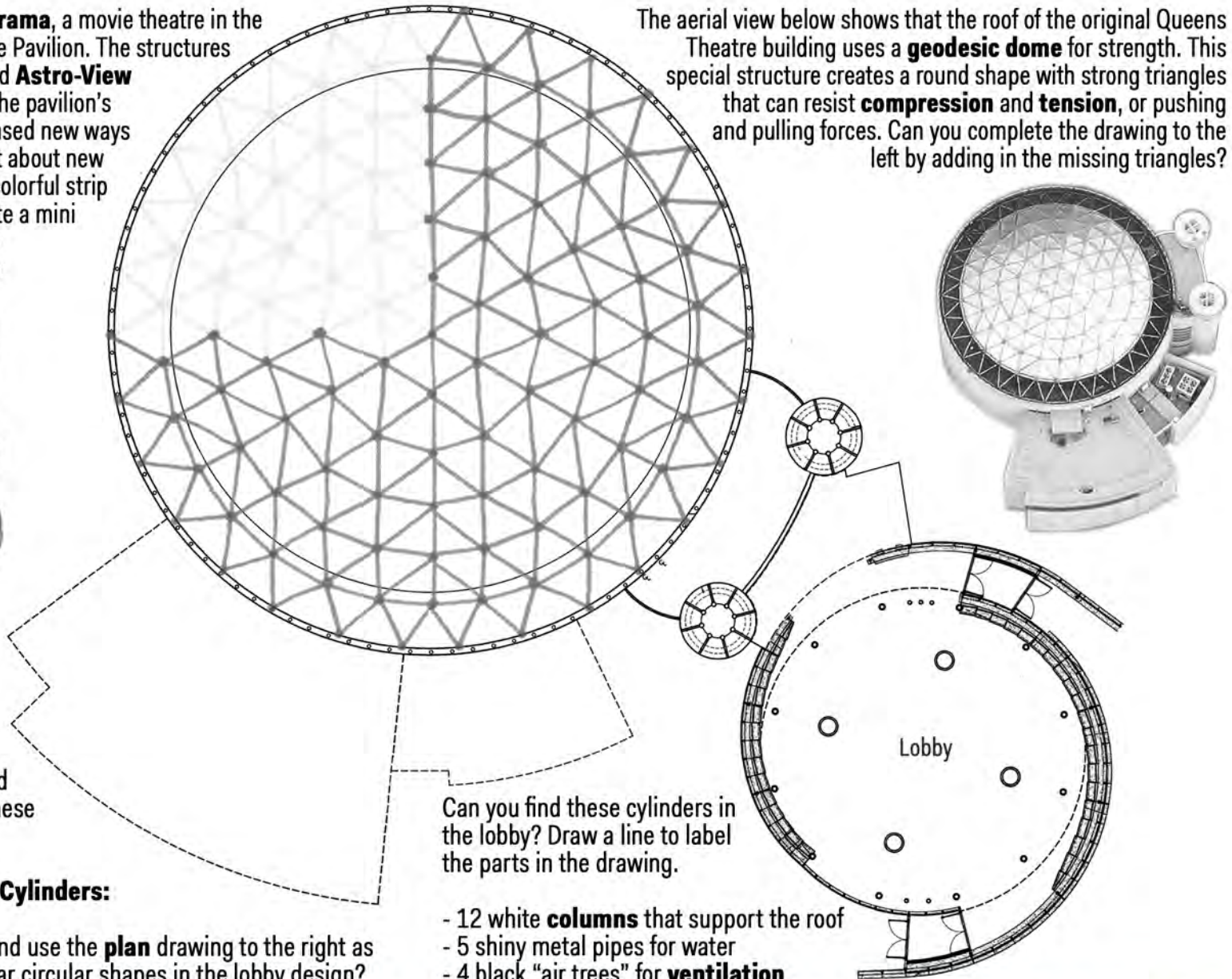


All of the **pavilion's** buildings use round shapes in their designs. How many of these 2-D and 3-D shapes can you find?

Circles: **Ellipses:** **Cylinders:**

Walk inside the Queens Theatre lobby and use the **plan** drawing to the right as a map. How did the architects use similar circular shapes in the lobby design?

The aerial view below shows that the roof of the original Queens Theatre building uses a **geodesic dome** for strength. This special structure creates a round shape with strong triangles that can resist **compression** and **tension**, or pushing and pulling forces. Can you complete the drawing to the left by adding in the missing triangles?



Can you find these cylinders in the lobby? Draw a line to label the parts in the drawing.

- 12 white **columns** that support the roof
- 5 shiny metal pipes for water
- 4 black "air trees" for **ventilation**

