

SEMIPARABOLA

Meaning: Semiparabola: a geometric shape that represents half of a parabola, often used in architecture and physics to describe curves that combine aesthetic design with functional properties.

1. The architect chose a semiparabola to design the roof, ensuring both aesthetic appeal and structural integrity.
2. In physics, the trajectory of a projectile can often be modeled as a semiparabola under ideal conditions.
3. The artist skillfully incorporated a semiparabola into her sculpture, creating a sense of movement and flow.
4. During the math lecture, the professor explained how a semiparabola could represent the path of a swing.
5. Engineers often use the properties of a semiparabola when designing bridges to optimize load distribution.

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