

The Circus

1. A clown car in the shape of a rectangular prism measures 10 feet in length, 5 feet in width, and 6 feet in height. Calculate the volume of the clown car in cubic feet.
2. A circus tent is shaped like a rectangular prism with dimensions 80 feet by 40 feet by 20 feet. Determine the volume of the tent in cubic feet.
3. A circus cannonball is spherical with a diameter of 12 inches. Calculate the volume of the cannonball in cubic inches.
4. A cylindrical popcorn bucket at the circus has a radius of 4 inches and a height of 8 inches. Determine the volume of popcorn that can fit in the bucket in cubic inches.
5. A circus tent pole is shaped like a cylinder with a radius of 5 inches and a height of 18 feet. Calculate the volume of the tent pole in cubic feet.
6. A triangular circus banner has a base of 12 feet and a height of 8 feet. Determine the volume of the banner in cubic feet.
7. A circus lion's cage is constructed as a rectangular prism with dimensions 15 feet by 10 feet by 12 feet. Calculate the volume of the cage in cubic feet.
8. A circus cannon is shaped like a cone with a radius of 6 inches and a height of 10 inches. Determine the volume of the cannon in cubic inches.
9. A circus elephant's water trough is a rectangular prism measuring 8 feet by 6 feet by 3 feet. Calculate the volume of water the trough can hold in cubic feet.
10. A circus tent flag is shaped like a triangular prism with a base of 4 feet, a height of 6 feet, and a length of 8 feet. Determine the volume of the flag in cubic feet.

