

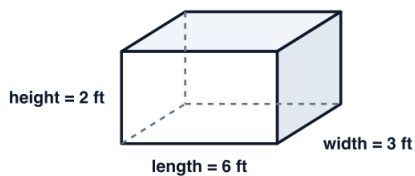
Geometry & Measurement: Volume of Rectangular Prisms



Name: _____ Date: _____

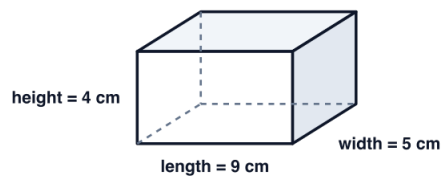
Find the volume of each 3D rectangular box shown below. Choose the correct cubic measurement.

1. Calculate the volume of the rectangular storage prism shown below with length = 6 ft, width = 3 ft, and height = 2 ft.



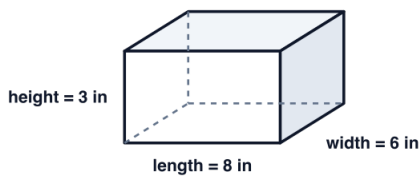
- A. 11 cubic feet (ft^3)
- B. 36 cubic feet (ft^3)
- C. 24 cubic feet (ft^3)
- D. 18 cubic feet (ft^3)

2. Calculate the volume of the rectangular container shown below with length = 9 cm, width = 5 cm, and height = 4 cm.



- A. 180 cubic centimeters (cm^3)
- B. 36 cubic centimeters (cm^3)
- C. 90 cubic centimeters (cm^3)
- D. 210 cubic centimeters (cm^3)

3. Calculate the volume of the rectangular block shown below with length = 8 in, width = 6 in, and height = 3 in.



- A. 34 cubic inches (in^3)
- B. 96 cubic inches (in^3)
- C. 144 cubic inches (in^3)
- D. 128 cubic inches (in^3)