Name: _____

Volume with Fractional Edge Lengths A

Find the volume. V = length × width × height.

1. A box is 3 1/2 m long, 5 m wide and 8 m tall. What is its volume?

   Answer: _____

2. A box is 2 1/2 cm long, 5 1/2 cm wide and 3 cm tall. What is its volume?

   Answer: _____

3. A box is 8 in long, 3 1/2 in wide and 6 1/2 in tall. What is its volume?

   Answer: _____

4. A box is 3 1/2 cm long, 6 cm wide and 5 1/2 cm tall. What is its volume?

   Answer: _____

5. A box is 4 1/2 m long, 3 1/2 m wide and 6 m tall. What is its volume?

   Answer: _____

6. A box is 6 1/2 cm long, 5 1/2 cm wide and 4 1/2 cm tall. What is its volume?

   Answer: _____

7. A box is 2 ft long, 1 1/2 ft wide and 2 ft tall. What is its volume?

   Answer: _____

8. A box is 4 1/2 ft long, 8 ft wide and 3 1/2 ft tall. What is its volume?

   Answer: _____

9. A box is 8 1/2 ft long, 4 ft wide and 6 ft tall. What is its volume?

   Answer: _____

10. A box is 6 1/2 ft long, 6 ft wide and 5 ft tall. What is its volume?

    Answer: _____

11. A box is 8 ft long, 5 1/2 ft wide and 3 ft tall. What is its volume?

    Answer: _____

12. A box is 7 1/2 cm long, 2 cm wide and 5 cm tall. What is its volume?

    Answer: _____

Name: **ANSWER KEY**

Volume with Fractional Edge Lengths A

Find the volume. V = length × width × height.

1. A box is 3 1/2 m long, 5 m wide and 8 m tall. What is its volume?

Answer: 140 cubic m

2. A box is 2 1/2 cm long, 5 1/2 cm wide and 3 cm tall. What is its volume?

Answer: $41\frac{1}{4}$ cubic cm

3. A box is 8 in long, 3 1/2 in wide and 6 1/2 in tall. What is its volume?

Answer: 182 cubic in

4. A box is 3 1/2 cm long, 6 cm wide and 5 1/2 cm tall. What is its volume?

Answer: $115\frac{1}{2}$ cubic cm

5. A box is 4 1/2 m long, 3 1/2 m wide and 6 m tall. What is its volume?

Answer: $94\frac{1}{2}$ cubic m

6. A box is 6 1/2 cm long, 5 1/2 cm wide and 4 1/2 cm tall. What is its volume?

Answer: $160\frac{7}{8}$ cubic cm

7. A box is 2 ft long, 1 1/2 ft wide and 2 ft tall. What is its volume?

Answer: 6 cubic ft

8. A box is 4 1/2 ft long, 8 ft wide and 3 1/2 ft tall. What is its volume?

Answer: 126 cubic ft

9. A box is 8 1/2 ft long, 4 ft wide and 6 ft tall. What is its volume?

Answer: 204 cubic ft

10. A box is 6 1/2 ft long, 6 ft wide and 5 ft tall. What is its volume?

Answer: 195 cubic ft

11. A box is 8 ft long, 5 1/2 ft wide and 3 ft tall. What is its volume?

Answer: 132 cubic ft

12. A box is 7 1/2 cm long, 2 cm wide and 5 cm tall. What is its volume?

Answer: 75 cubic cm