Name: _____

Volume with Fractional Edge Lengths B

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

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

   Answer: _____

2. A box is 8 1/2 m long, 5 m wide and 4 m tall. What is its volume?

   Answer: _____

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

   Answer: _____

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

   Answer: _____

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

   Answer: _____

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

   Answer: _____

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

   Answer: _____

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

   Answer: _____

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

   Answer: _____

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

    Answer: _____

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

    Answer: _____

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

    Answer: _____

Name: **ANSWER KEY**

Volume with Fractional Edge Lengths B

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

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

Answer: $5\frac{5}{8}$ cubic ft

2. A box is 8 1/2 m long, 5 m wide and 4 m tall. What is its volume?

Answer: 170 cubic m

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

Answer: $67\frac{1}{2}$ cubic ft

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

Answer: $97\frac{1}{2}$ cubic cm

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

Answer: 66 cubic ft

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

Answer: 126 cubic in

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

Answer: $57\frac{3}{4}$ cubic in

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

Answer: $97\frac{1}{2}$ cubic m

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

Answer: 33 cubic ft

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

Answer: 165 cubic ft

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

Answer: 130 cubic cm

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

Answer: 102 cubic cm