1 Find the volume of a cylinder with radius 12 cm and height 19 cm. Give your answer to 2 decimal places. (Use π = 3.14159)

A 8595.4 cm³   **B** 6446   **C** 4297   **D** 12893

2 Find the volume of a cube with side length 16 cm.

A 4096 cm³   **B** 6144   **C** 3072   **D** 2048

3 A triangular prism has a triangular face with base 5 cm and height 14 cm. The length of the prism is 14 cm. Find its volume.

A 735   **B** 367   **C** 245   **D** 490.0 cm³

4 Find the volume of a cube with side length 14 cm.

A 1372   **B** 2744 cm³   **C** 4116   **D** 2058

5 A triangular prism has a triangular face with base 10 cm and height 9 cm. The length of the prism is 5 cm. Find its volume.

A 225.0 cm³   **B** 112   **C** 168   **D** 337

6 Find the volume of a cube with side length 13 cm.

A 3295   **B** 1647   **C** 1098   **D** 2197 cm³

7 Find the volume of a cuboid with length 11 cm, width 6 cm and height 2 cm.

A 132 cm³   **B** 198   **C** 66   **D** 99

8   Find the volume of a cuboid with length 12 cm, width 2 cm and height 2 cm.

A 72   **B** 48 cm³   **C** 36   **D** 24

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9   Find the volume of a cube with side length 9 cm.

A 546   **B** 364   **C** 1093   **D** 729 cm³

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10   Find the volume of a cube with side length 9 cm.

A 546   **B** 729 cm³   **C** 1093   **D** 364

END OF TEST

Answer Sheet — Practice - Volumes

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1
A. 8595.4 cm³ ☐
B. 6446 ☐
C. 4297 ☐
D. 12893 ☐

2
A. 4096 cm³ ☐
B. 6144 ☐
C. 3072 ☐
D. 2048 ☐

3
A. 735 ☐
B. 367 ☐
C. 245 ☐
D. 490.0 cm³ ☐

4
A. 1372 ☐
B. 2744 cm³ ☐
C. 4116 ☐
D. 2058 ☐

5
A. 225.0 cm³ ☐
B. 112 ☐
C. 168 ☐
D. 337 ☐

6
A. 3295 ☐
B. 1647 ☐
C. 1098 ☐
D. 2197 cm³ ☐

7
A. 132 cm³ ☐
B. 198 ☐
C. 66 ☐
D. 99 ☐

8
A. 72 ☐
B. 48 cm³ ☐
C. 36 ☐
D. 24 ☐

9
A. 546 ☐
B. 364 ☐
C. 1093 ☐
D. 729 cm³ ☐

10
A. 546 ☐
B. 729 cm³ ☐
C. 1093 ☐
D. 364 ☐

END OF TEST