

Volume and Surface Area – ANSWERS

Volume of cubes and cuboids

- 1) 36 cm^3 2) 24 cm^3 3) 64 cm^3 4) 30 cm^3

Volume of prisms

- 1) 240 cm^3 2) 104 cm^3 3) 104 cm^3 4) 145 cm^3

Volume of triangular prisms

- 1) 300 cm^3 2) 180 cm^3 3) 960 cm^3 4) 1152 cm^3

Volume of cylinders

Note: Your answers may be slightly different depending on whether you used 3.14 or the π button on a scientific calculator.

- 1) 502.4 cm^3 2) 125.6 cm^3 3) 2512.0 cm^3 4) 1004.8 cm^3

Surface area of cubes and cuboids

- 1) 136 cm^2 2) 94 cm^2 3) 72 cm^2 4) 54 cm^2

Surface area of triangular prisms

- 1) 408 cm^2 2) 344 cm^2 3) 1344 cm^2 4) 520 cm^2