

Student Name: _____

Score: _____

Volume of Rectangular Prism

Calculate the volume and approximate your answer to the nearest hundredth:

Length = 6.8 ft; width = 4.5 ft; height = 7.2 ft Volume = _____	Length = 8.1 yd; width = 5.9 yd; height = 6.7 yd Volume = _____
Length = 12.4 in; width = 8.84 in; height = 11.25 in Volume = _____	Length = 17.21 m; width = 9.2 m; height = 15.55 m Volume = _____
Length = 45 cm; width = 34.64 cm; height = 20.02 cm Volume = _____	Length = 5.34 ft; width = 3.12 ft; height = 1.18 ft Volume = _____
Length = 15.5 in; width = 7.24 in; height = 4.65 in Volume = _____	Length = 28.12 mm; width = 12.88 mm; height = 9.65 mm Volume = _____

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Answers

Length = 6.8 ft; width = 4.5 ft; height = 7.2 ft Volume = 220.32 ft³	Length = 8.1 yd; width = 5.9 yd; height = 6.7 yd Volume = 320.19 yd³
Length = 12.4 in; width = 8.84 in; height = 11.25 in Volume = 1233.18 in³	Length = 17.21 m; width = 9.2 m; height = 15.55 m Volume = 2462.06 m³
Length = 45 cm; width = 34.64 cm; height = 20.02 cm Volume = 31207.18 cm³	Length = 5.34 ft; width = 3.12 ft; height = 1.18 ft Volume = 19.66 ft³
Length = 15.5 in; width = 7.24 in; height = 4.65 in Volume = 521.82 in³	Length = 28.12 mm; width = 12.88 mm; height = 9.65 mm Volume = 3495.09 mm³