

0.10 Volume and Unit Cubes

Unit 0: Grade 5 Foundations Review

Name: _____

Date: _____

Class/Period: _____

Problem 0.55 Find the volume of a rectangular prism that is 8 inches long, 5 inches wide, and 3 inches high.

Problem 0.58 A rectangular prism has volume 180 cubic centimeters and base area 30 square centimeters. What is its height?

Problem 0.56 A prism has a base area of 24 square feet and a height of 7 feet. Find its volume.

Problem 0.59 A rectangular prism is packed with unit cubes in 5 rows, 3 columns, and 4 layers. How many unit cubes fill the prism?

Problem 0.57 A cube has side length 4 units. What is its volume?

Problem 0.60 Prism A measures 6 units by 4 units by 2 units. Prism B measures 3 units by 3 units by 5 units. Which prism has the greater volume, and by how many cubic units?