Volume Word Problems

FLORIDA GRADE 5 MATH | B.E.S.T. BENCHMARK MA.5.GR.3.3 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. A fish tank is 20 in long, 10 in wide, and 12 in tall. What is its volume?

2. A box has a volume of 96 cubic cm. Its base is 4 cm by 6 cm. How tall is it?

3. A shape is made of two boxes: 5 × 4 × 3 and 2 × 2 × 3 (in feet). What is the total volume?

4. A sandbox is 8 ft long, 5 ft wide, and 2 ft deep. How much sand fills it?

5. A storage box has a volume of 64 cubic ft. It is 4 ft long and 4 ft wide. How tall is it?

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Answer Key

1. 2,400 cubic in

2. 4 cm

96 ÷ 24

3. 72 cubic ft

60 + 12

4. 80 cubic ft

5. 4 ft

64 ÷ 16

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