Name _____   Date _____

Measuring Volume by Counting Cubes

In this worksheet, we will practice measuring volume in different units by counting cubes.
For example, each of the 5 orange cubes below have 4 inch long sides.

What is the volume of each cube? ___64___
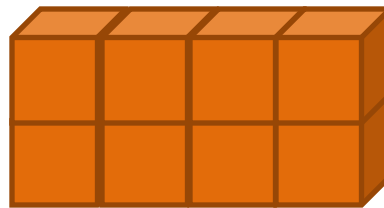What is the volume of all 5 cubes put together? _320_

Exercise Questions:

Use the figure below with questions 1 and 2. (The cubes have 5 cm sides)

1. What is the volume of each cube? _____

2. What is the volume of all 3 cubes put together? _____

Use the figure below with questions 3 and 4. (The cubes have 2 ft sides)

3. What is the volume of each cube? _____

4. What is the volume of all five cubes put together? _____

Use the figure below with questions 5 and 6. (The cubes have 25 cm sides)

5. What is the volume of each cube? _____

6. What is the volume of all 8 cubes put together? _____

Measuring Volume by Counting Cubes

In this worksheet, we will practice measuring volume in different units by counting cubes. For example, each of the 5 orange cubes below have 4 inch long sides.

What is the volume of each cube? ___64 in^3___

What is the volume of all 5 cubes put together? _320 in^3

Exercise Questions:

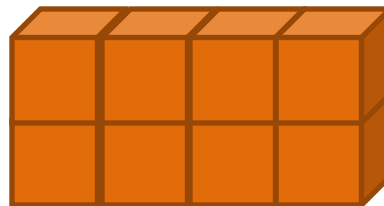Use the figure below with questions 1 and 2. (The cubes have 5 cm sides)

1. What is the volume of each cube?
____125 cm^3___

2. What is the volume of all 3 cubes put together? ___375cm^3___

Use the figure below with questions 3 and 4. (The cubes have 2 ft sides)

3. What is the volume of each cube?
____8 ft^3___

4. What is the volume of all five cubes put together? ___40 ft^3___

Use the figure below with questions 5 and 6. (The cubes have 25 cm sides)

5. What is the volume of each cube?
____15,625 cm^3___

6. What is the volume of all 8 cubes put together?____125,000 cm^3___

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