

**Benchmark CR Title:** *Keisha's Fish Tank*

**Domain:**

Measurement and Data

**Cluster:**

Geometric measurement: understand concepts of volume and relate volume to multiplication and addition.

**Standard:**

5.MD.5 Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume.

- b. Apply the formulas  $V = l \times w \times h$  and  $V = b \times h$  for rectangular prisms to find volumes of right rectangular prisms with whole number edge lengths in the context of solving real world and mathematical problems.
- c. Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real world problems.