

Regular Solids

Materials: Triple beam balance, ruler, calculator, blocks of wood

Procedure:

1. Place each block of wood on the balance. Record the mass (g) in your data table.
2. Use the ruler to measure the length, width, and height of each block in cm.
3. Find the volume of the wood by using the formula: length X width X height.
4. Calculate the density of each block of wood.

Density = mass/volume

5. Rank the blocks from highest density (biggest number) to lowest density (smallest number).