

# Metric Mastery

## Do you know your Metric Units?

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Directions: Examine the objects below and estimate the values below for each object. **Don't use the scale or ruler right now.** Use metric units.

1. Estimate the mass of the D-Battery (Use grams)

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2. Estimate the volume of the cube (Use cubic cm)

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3. Estimate the surface area of the Rubik's Cube (Use square cm)

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4. Estimate the length of the yellow ribbon (Use cm)

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5. Estimate the volume of the notebook (Use cubic cm)

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For the next part, you may use the scale and ruler.

6. Find the mass of the D-Battery using the scale (Use grams)

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7. Find the volume of the cube using the ruler (Use cubic cm)

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8. Find the surface area of the Rubik's Cube using the ruler (Use square cm)

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9. Find the length of the yellow ribbon using the ruler (Use cm)

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10. Find the volume of the notebook using the cylinder (Use cubic cm)

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Compare your estimations with your calculations.