Quantitative Problem Solver

College | Math, statistics, physics, and engineering

Name: _____ Date: _____

Organize a multi-step problem before calculating. Keep units attached and test whether the final result is reasonable.

GIVEN + FIND

Known values and units:
Unknown quantity and required unit:

MODEL

Equation, diagram, distribution, principle, or assumption:

SOLVE

Substitute values, show steps, and keep units visible.

CHECK

Units correct? Sign and magnitude reasonable? Assumptions met?

INTERPRET

Write one sentence explaining what the result means in context.

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