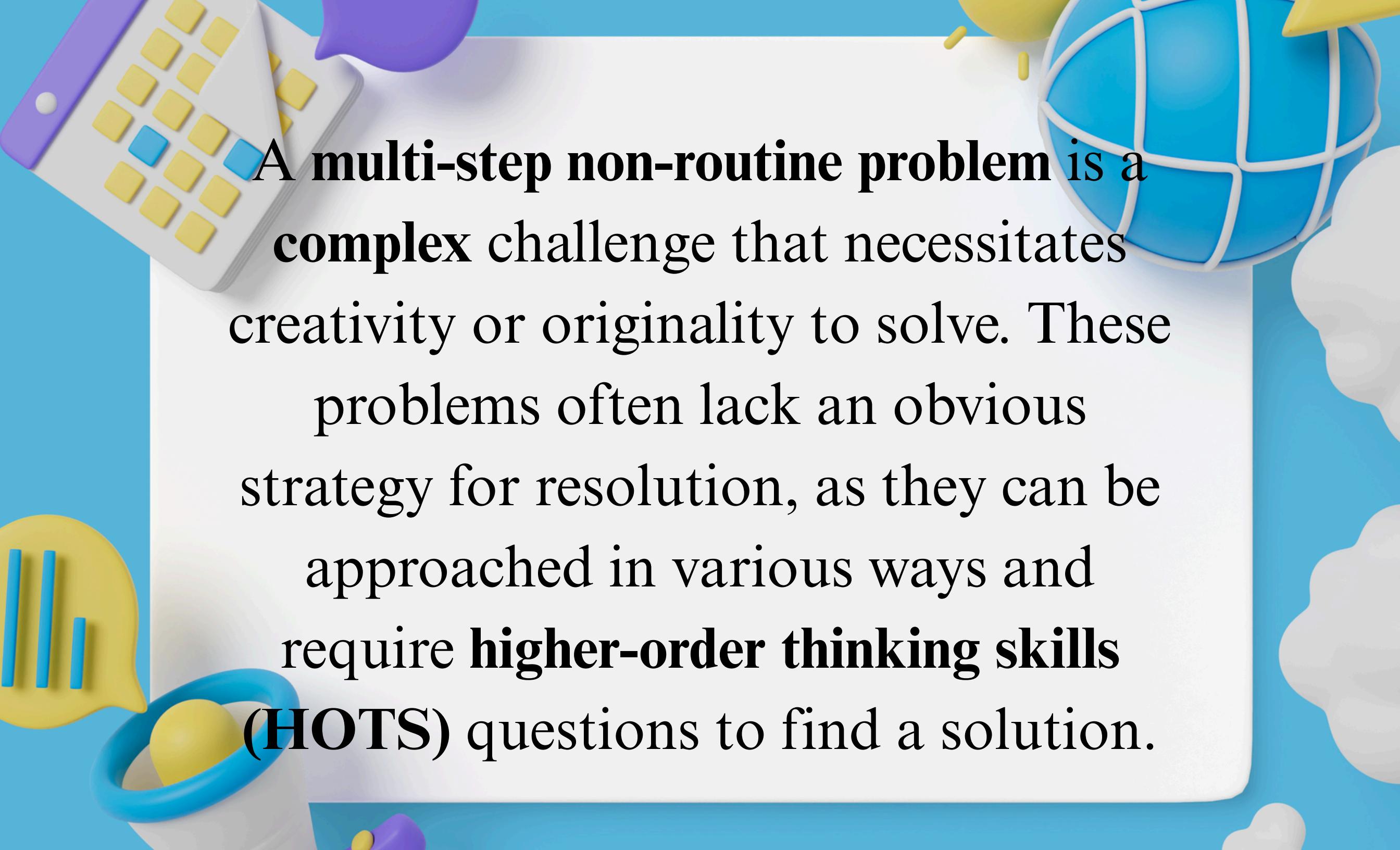


A MULTI-STEP ROUTINE
PROBLEM SOLVING
INVOLVES USING TWO
OR MORE ARITHMETIC
OPERATIONS.



A multi-step non-routine problem is a complex challenge that necessitates creativity or originality to solve. These problems often lack an obvious strategy for resolution, as they can be approached in various ways and require **higher-order thinking skills** (HOTS) questions to find a solution.

Example:

I am thinking of a number.
Four times my number plus
12 equals 60. What is my
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Answer:

Let x be the number. The equation is: $4x + 12 = 60$

Subtract 12 from both sides: $4x = 48$

Divide by 4: $x = 12$