Trace a number path with target sums

Reset at a checkpoint, choose a legal neighbour and finish a tiny board on its last tile.

01 Reset the running sum at a checkpoint

A practice path reads 2, 3, 4, 1. The first target is 5 and is met after the first two tiles. What is the sum of the final two tiles after resetting to zero?

Answer in second sum

02 Choose the legal next tile in a number path

Picture a two-by-two grid with top row 1, 2 and bottom row 3, 4. Starting on 1, which move follows the no-diagonals rule?

- ▢ Move diagonally to 4
- ▢ Move down to 3

03 Find the path that finishes on the last tile

A two-by-two board has top row 1, 2 and bottom row 4, 3. Begin at 1. Hit target 3, reset, then hit target 7 on the last tile. Which route works?

- ▢ 1, 4, 3, 2
- ▢ 1, 2, 3, 4

Worked answers
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