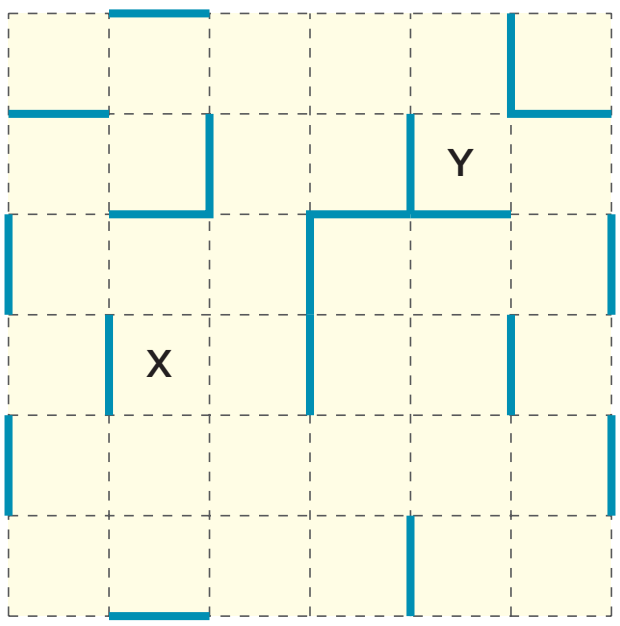
CAN WE ADD YOUR NAME TO THE LIST?

INERTIA

Astrid the astronaut is floating in a grid. Each time she pushes off she keeps gliding until she collides with a solid wall, marked by a thick line. From such a wall she can propel herself either parallel or perpendicular to the wall, but always travelling directly ← (left), → (right), ↑ (up), ↓ (down).

What is the least number of pushes that Astrid can make to safely travel from X to Y?



2019, J8

SOLVED IT?

FIND THE SOLUTION AT AMT.EDU.AU/CAT

CAT.
Computational and Algorithmic Thinking
Wednesday 4 to Friday 6 May

OUCC.
Oxford University Computing Challenge
Round 1: Thursday 26 May
Round 2: Thursday 9 June

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