



Two sidings join the main track of a railroad. They meet together and lead on to a dead end. All this is shown in the center of the illustration above. The dead end is long enough to hold a car or an engine at a time.

Currently a blue car is located on the left siding and a green car - on the right siding. An engine is located on the main track on the midway between the two cars.

The objective of the challenge is to exchange the positions of the cars and then return the engine to its initial position as is shown in the lower right corner. And it has to be done with the smallest number of couplings and uncouplings.

## Challenge Info

By: unknown

Version: for Teacher

Grade: 7-8

Difficulty level: Medium

Props: Pencil

Source: unknown

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