

The minimal strip that can be folded into a one-unit cube is one unit wide and seven units long (1x7) as shown in the illustration.

The object is to show how it can be done.

Challenge Info

After: Martin Gardner

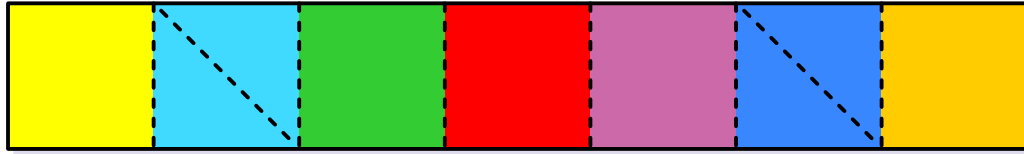
Version: for Teacher

Grade: 7-8

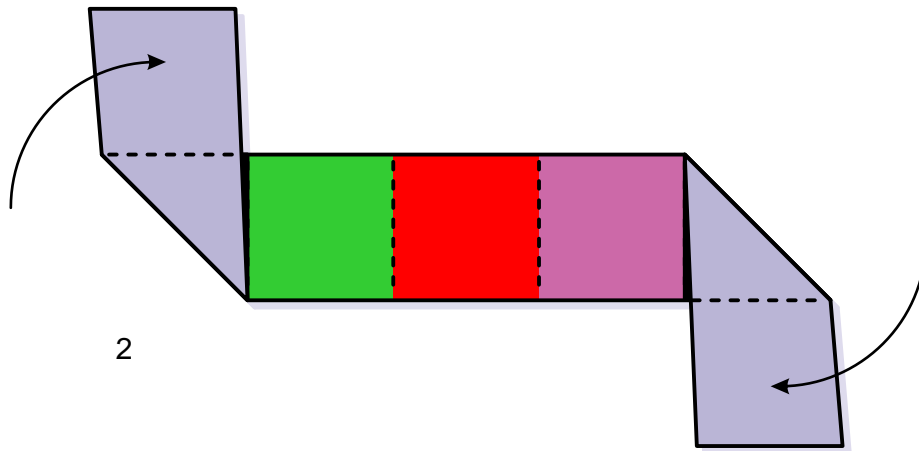
Difficulty level: Medium

Props: 1x7 paper strip

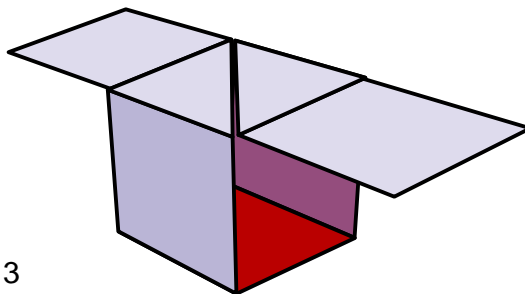
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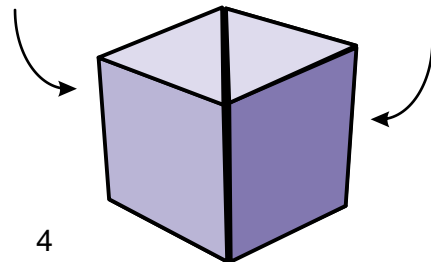
1



2



3



4

The entire folding is shown in the illustration.