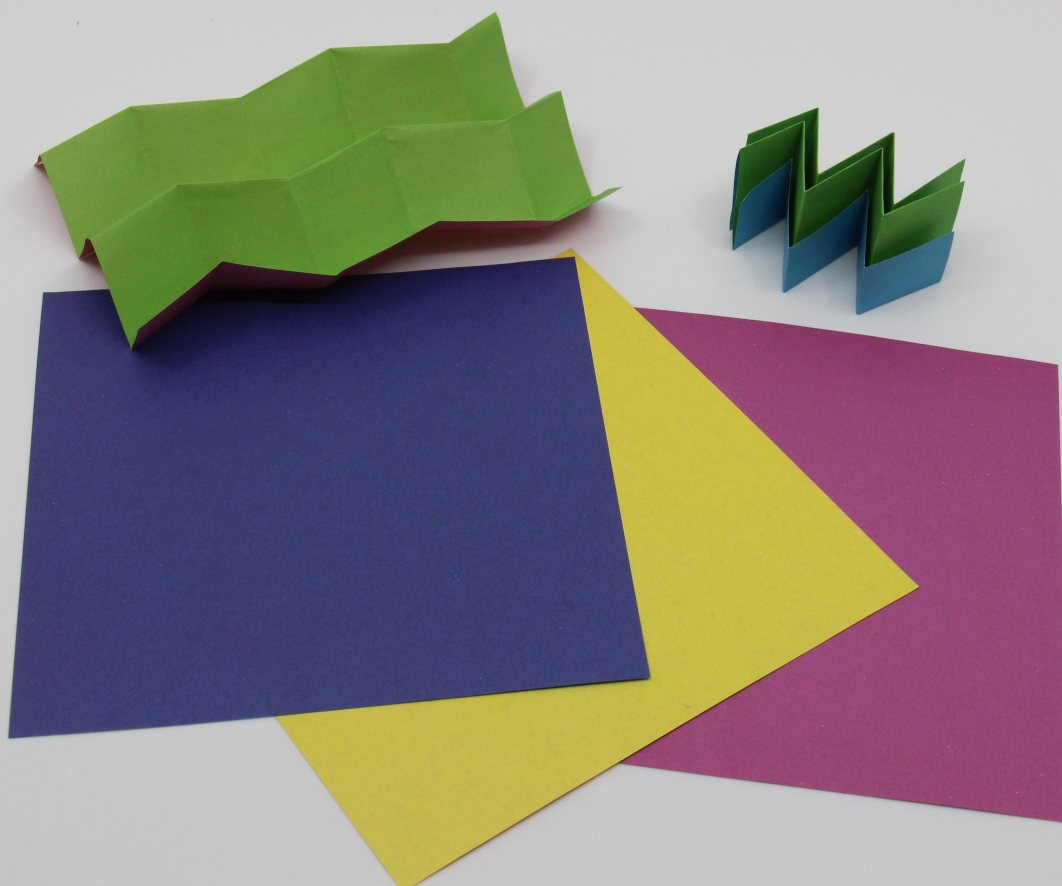




MAKE YOUR OWN MIURA-ORI FOLD

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MATERIAL



> 1 square sheet of paper



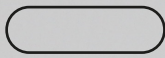
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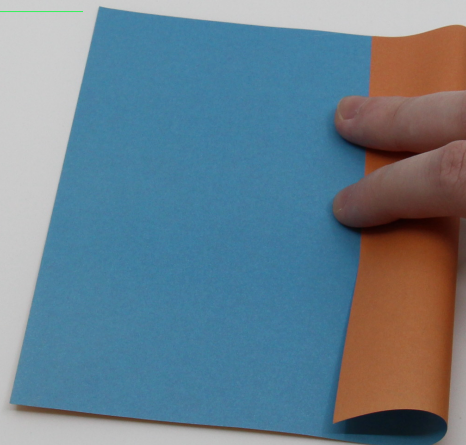
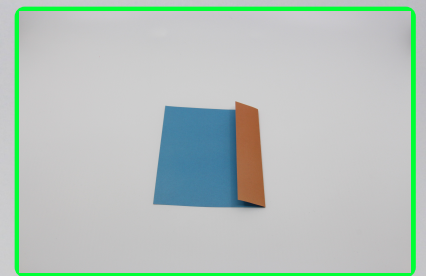
*

1

FOLD

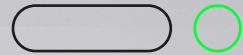


> a vertical valley fold _____
> aim for a width of _____
around 1/5th of the _____
sheet _____

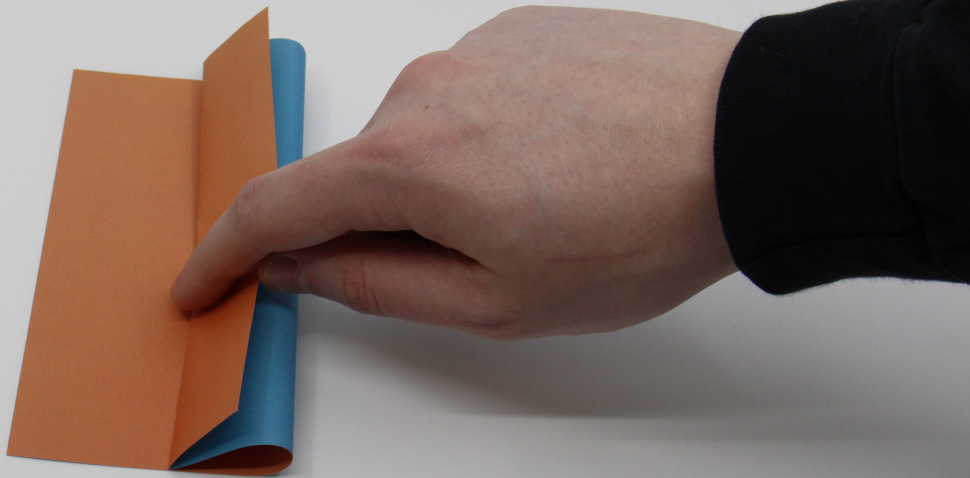




2 FOLD

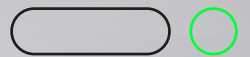


> a mountain fold of _____
the same width _____

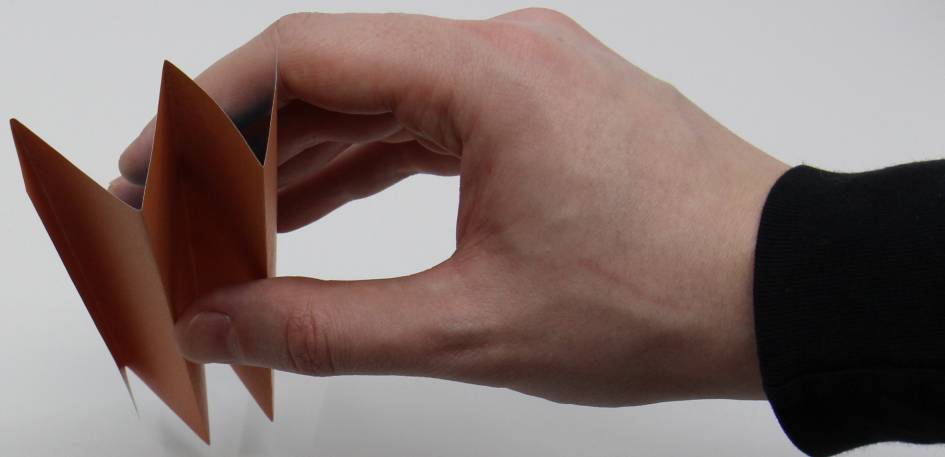
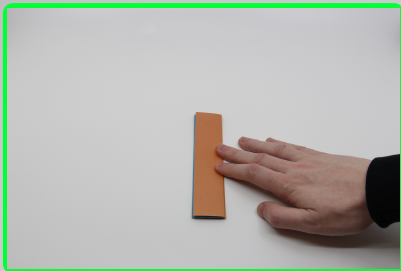


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3 CONTINUE

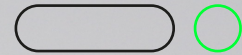


> alternating valley and _____
mountain folds until you _____
obtain an accordion _____
shape _____

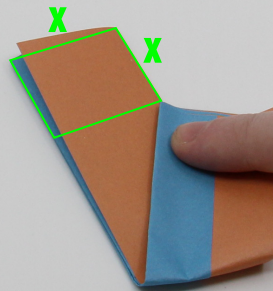




4 FOLD

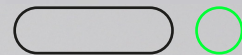


- > the bottom end towards the top at an angle
- > the left corner should fall on the right side
- > the space left above should be the same length as the width

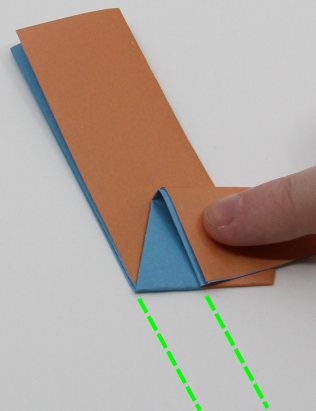


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5 FOLD

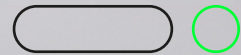


- > the short end downwards
- > the left side should be parallel to the initial orientation

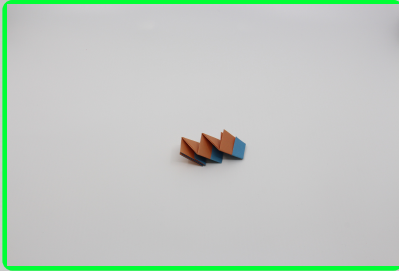




6 REPEAT



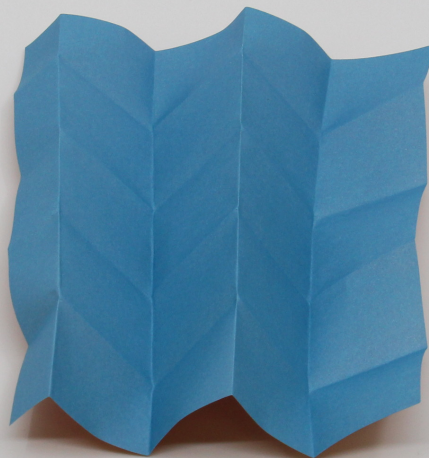
- > steps 4 and 5 on the _____
other side _____
- > press well on the folds _____
and pinch the borders to _____
mark the paper _____



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7 UNFOLD

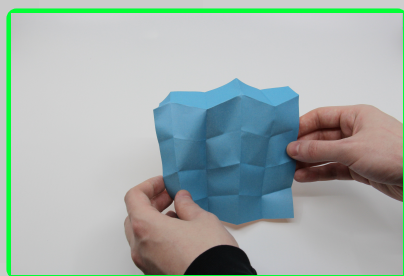
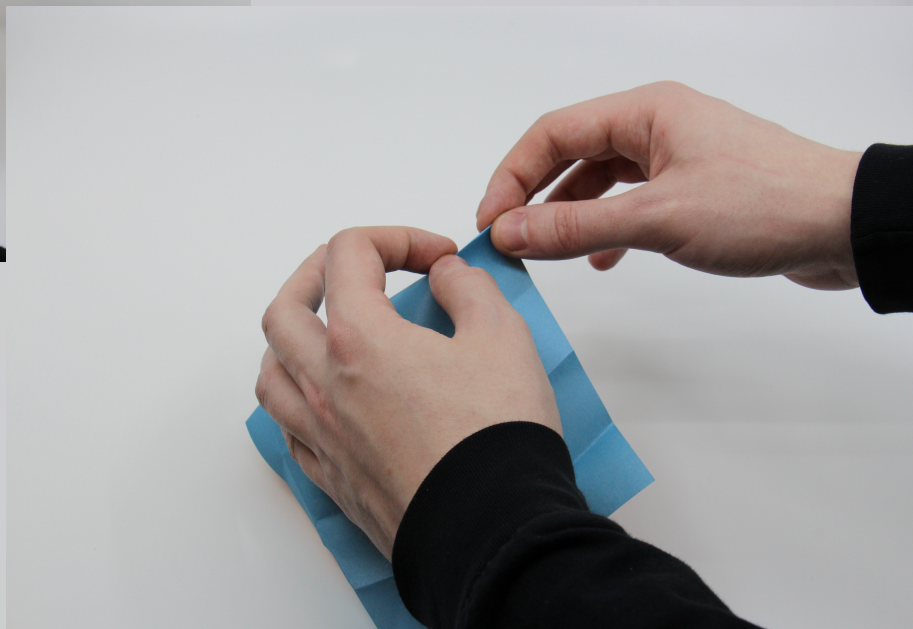
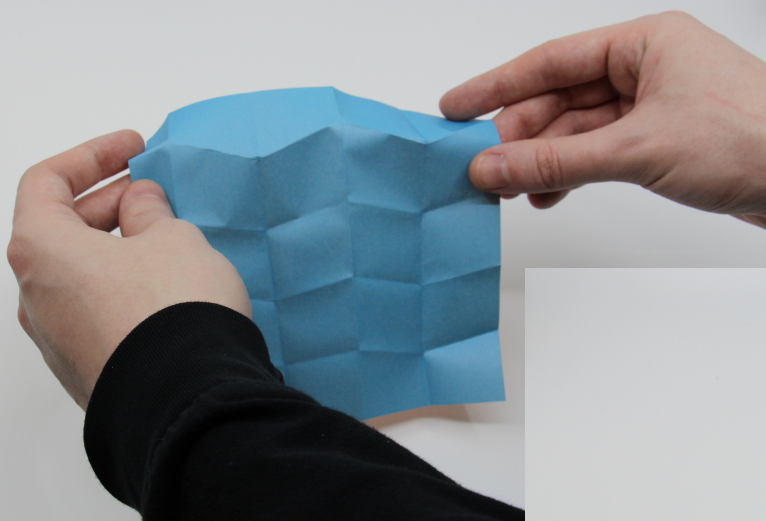
- > the sheet _____
- > orient the straight _____
folds vertically _____





8 INVERT

- > the folds of the first row so that they all fold in the same direction
- > Pinching them one by one should suffice



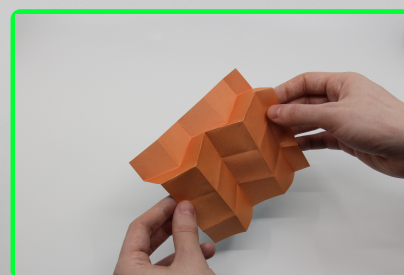
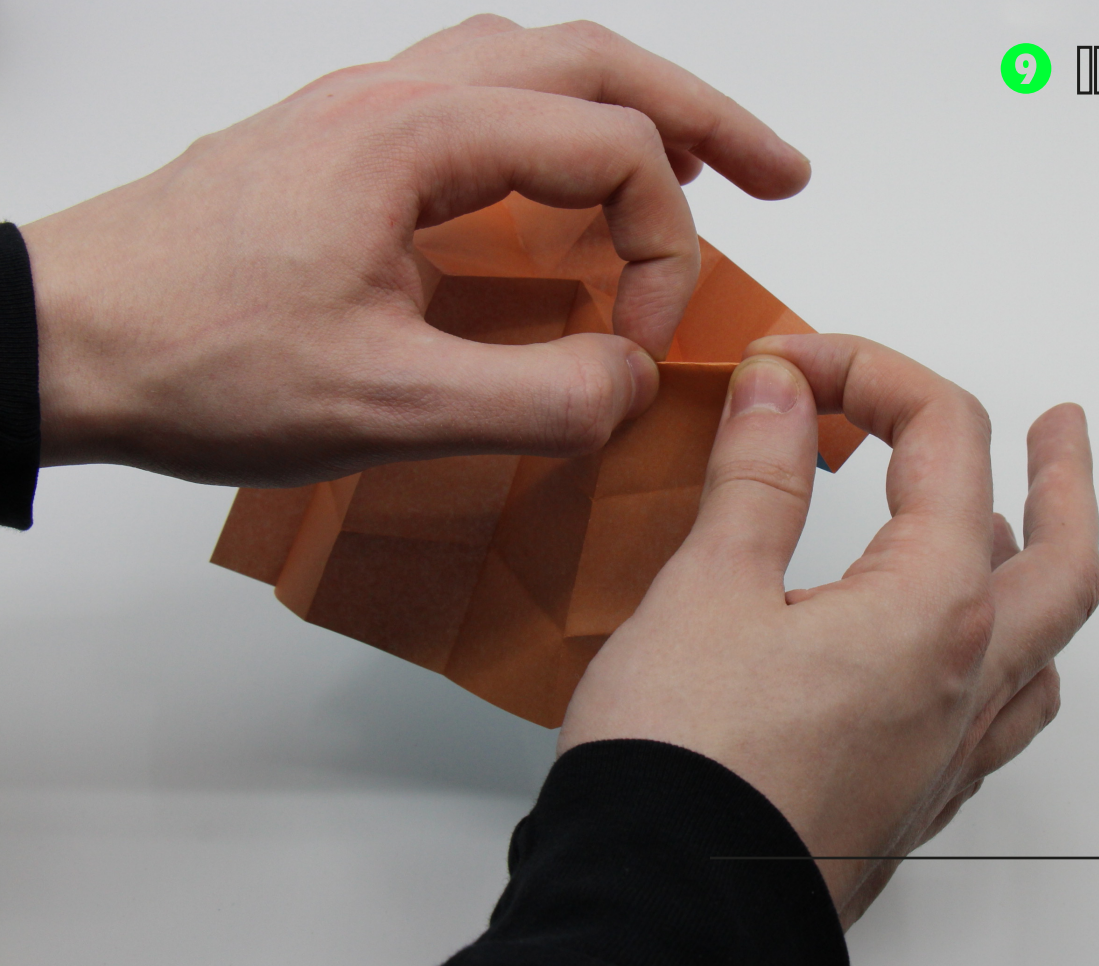
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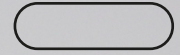
9 INVERT

- > the folds of the next row so that they fold in the opposite direction from the first row
- > pinching them one by one should suffice

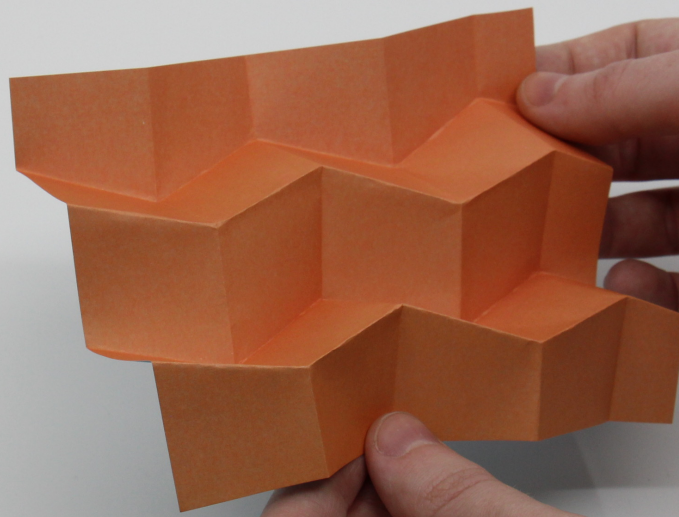




10 CONTINUE



> inverting each row's _____
folds, alternating the _____
direction every time _____

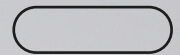


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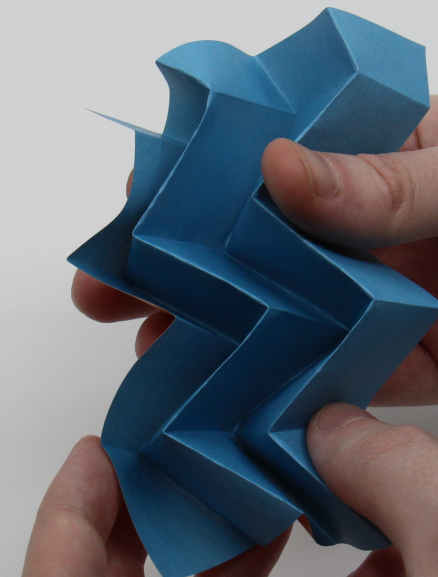


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11 PRESS



> softly on the structure _____
to make it partially close _____



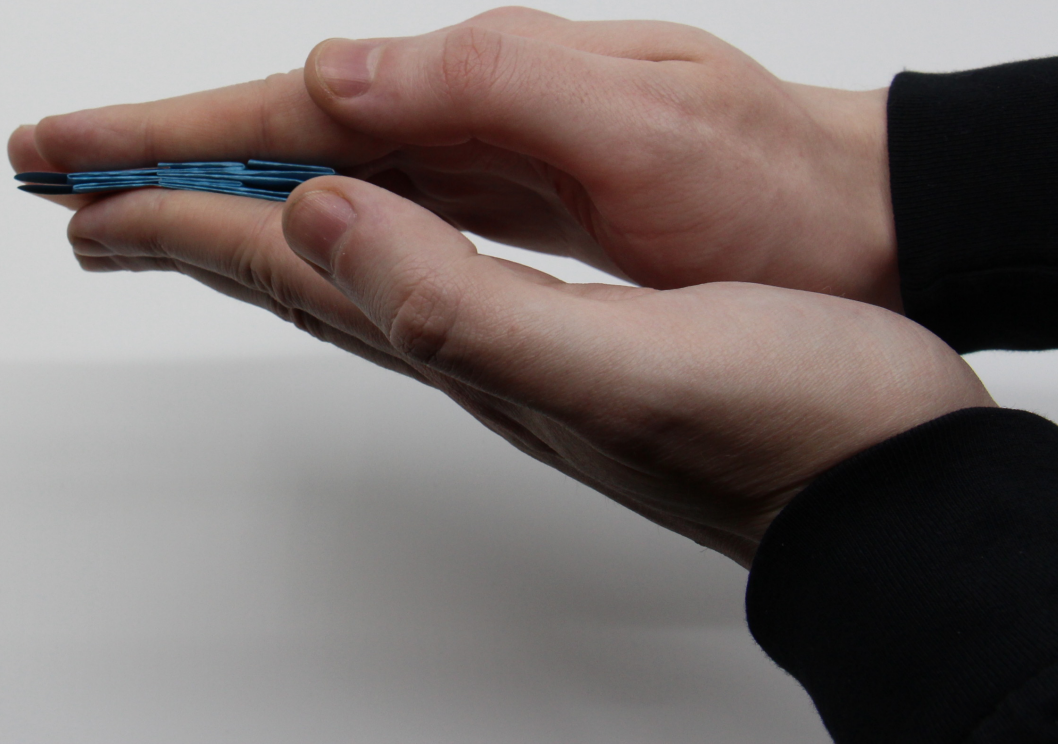


12

PRESS



- > in the other direction _____
- to close the fold _____
- > make sure to press hard.



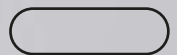
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13

DEPLOY



- > by pulling on the _____
- protruding corners _____
- > the Miura-Ori fold can _____
- be deployed with a single _____
- degree of freedom _____

