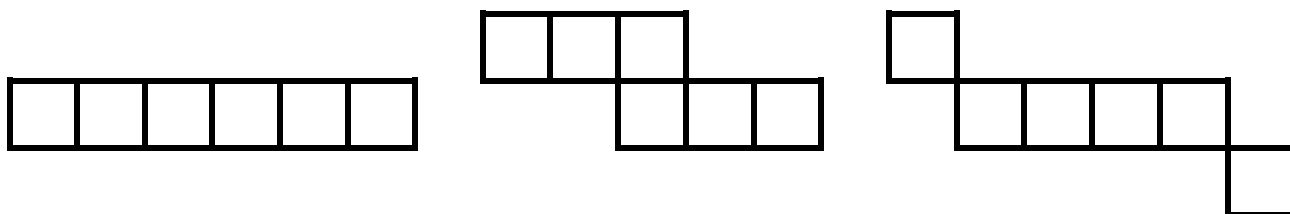
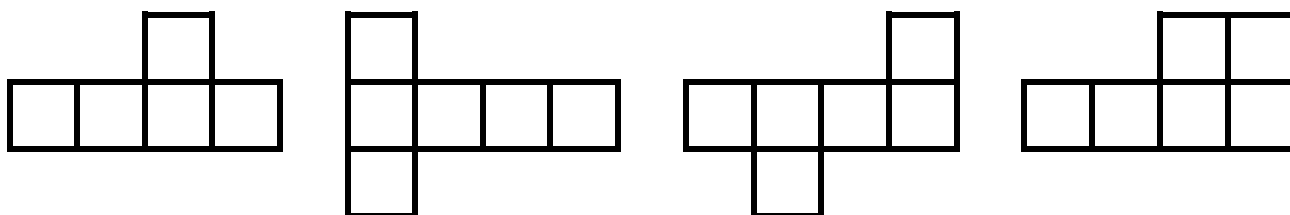
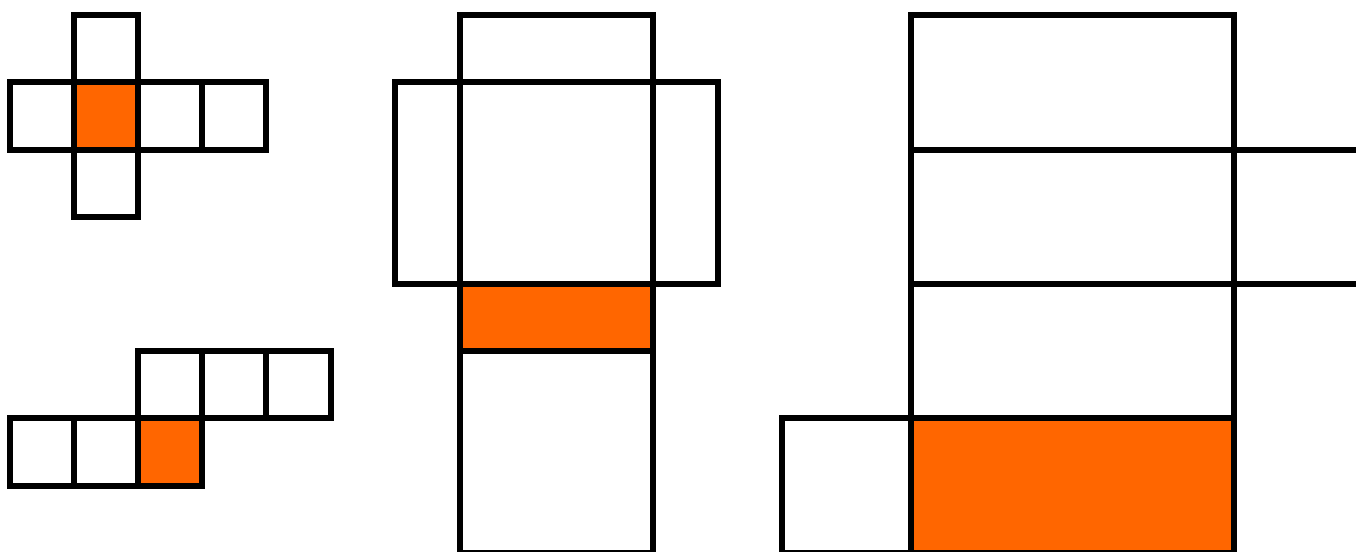


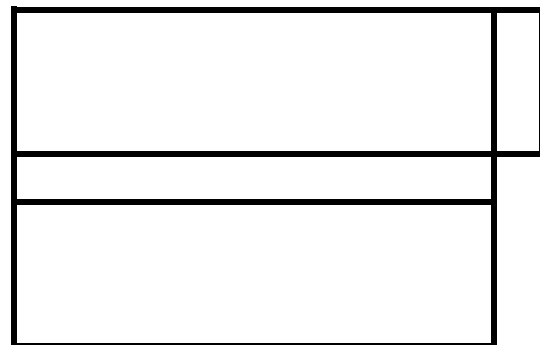
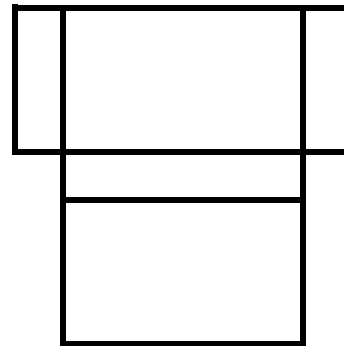
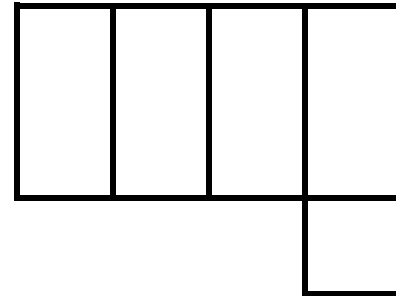
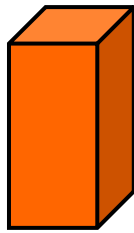
1. Which of the following patterns are nets for a cube? Determine your answers by visually folding each pattern. If a pattern is not a net for a cube, explain why the pattern does not work. If you want to check your work, cut out and fold the patterns on the last few pages.



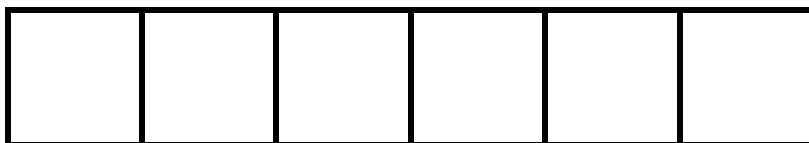
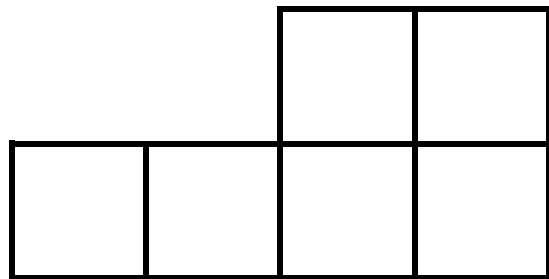
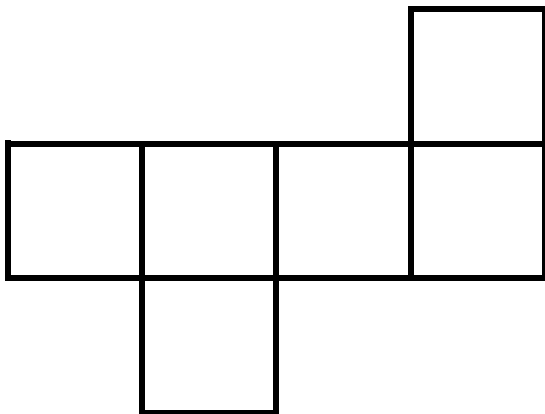
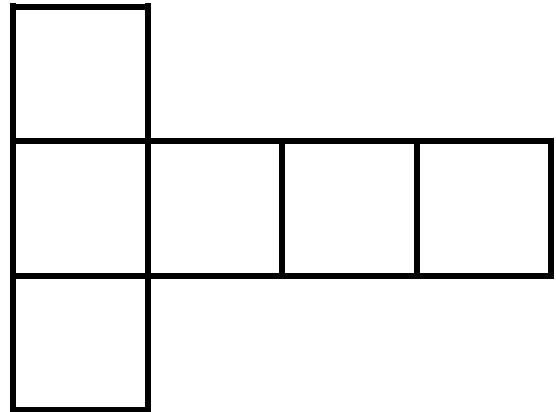
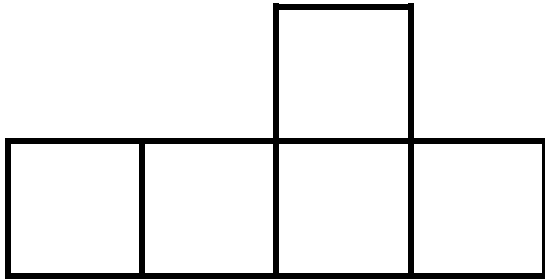
2. Each of the following nets has one shaded face. Visualize the box sitting on the face that is shaded. Determine which face would be the top face of the box and mark it with an X. If you want to check your work, cut out and fold the patterns on the last few pages.



3. The column on the left shows three different boxes and the column on the right shows a net for each box that is missing one or more faces. Sketch additional faces to complete the nets.



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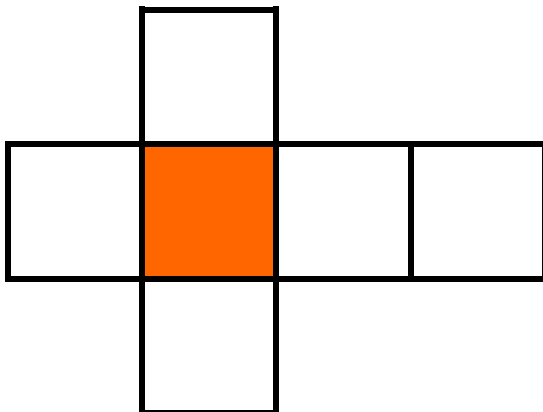
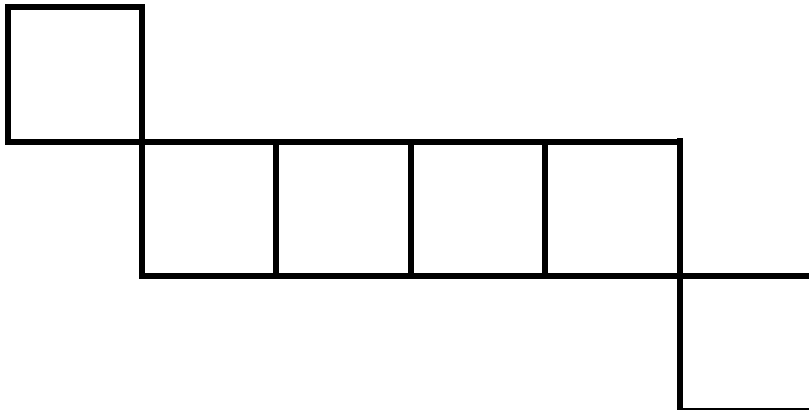
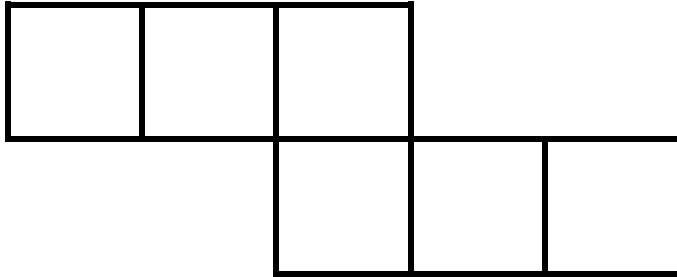
PROBLEM

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Geometric Nets

Use What You've Learned



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