

Tiling 2D Shapes

Challenge Cards

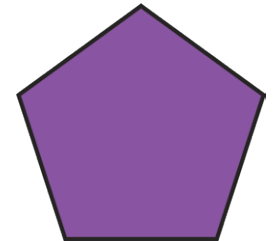
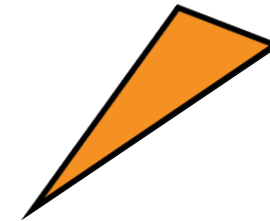
Answers



Tiling 2D Shapes

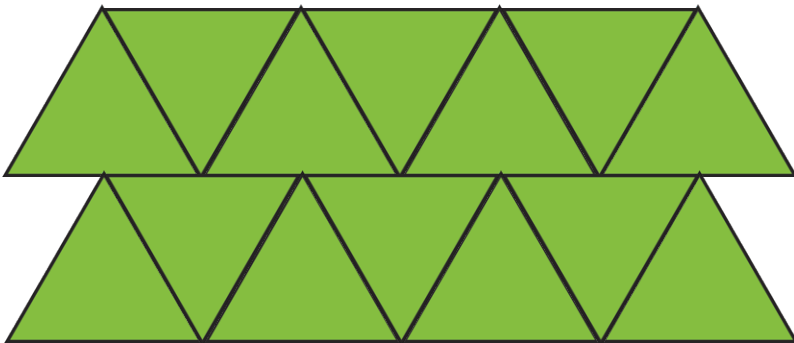
1. Which of these shapes can be tiled?

A square can be tiled



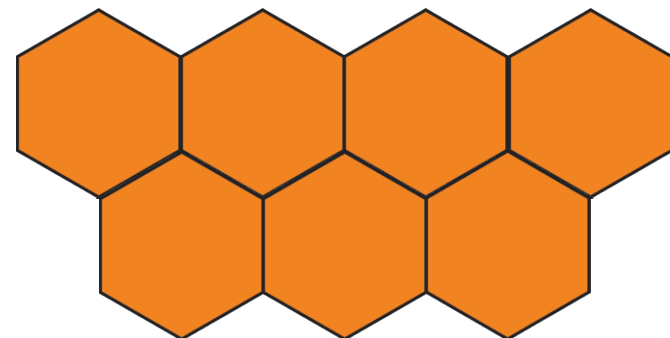
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2. Take a piece of squared paper and tile a portion of it with the following 2D shape.



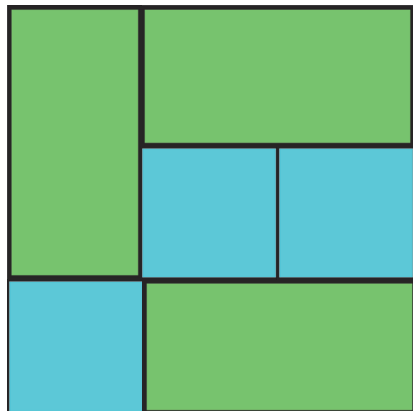
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3. Can you tile a space with a regular hexagon?
Give it a go to prove your answer.



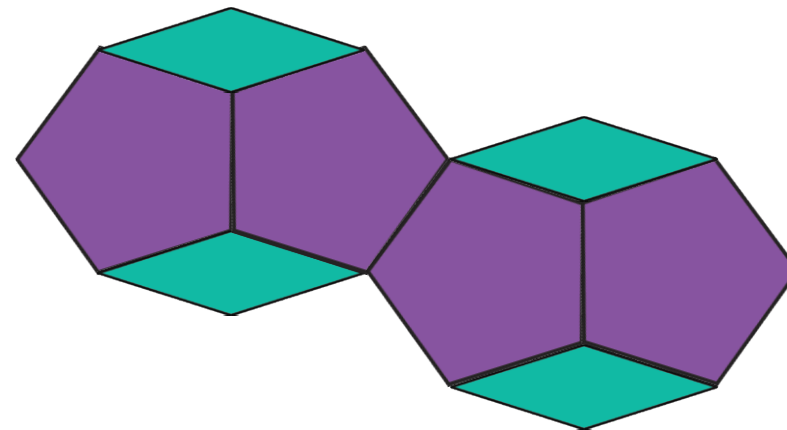
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4. Can you tile a space using these two shapes together?



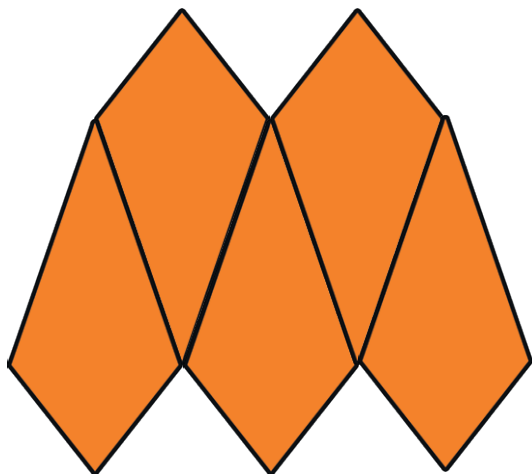
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5. Can you tile a space using these two shapes together? Take a piece of squared paper and give it a go!



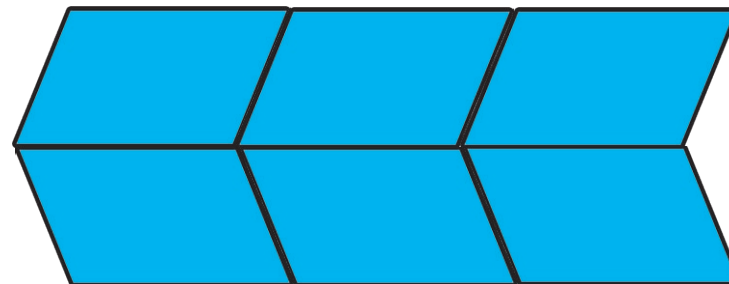
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6. Create a tiling pattern using a kite shape.



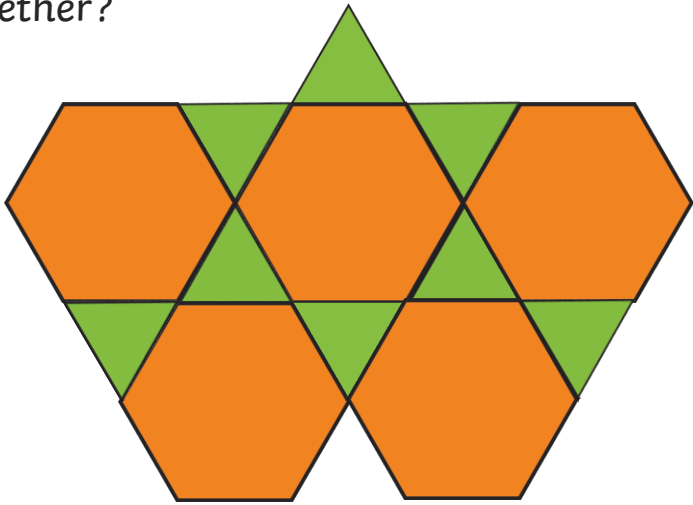
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7. Can you create a tiling pattern using this shape?



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8. Can you tile a space using these two shapes together?



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9. Which of these 2D shapes can be tiled?
A right-angled triangle can be tiled

