

Geometry

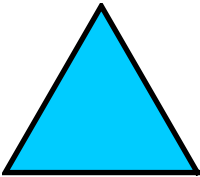
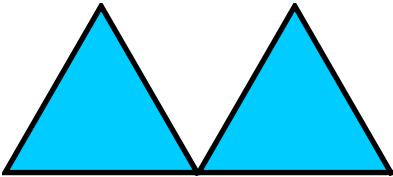
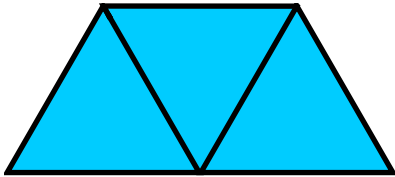
Skill 3 - 24H

Tessellations

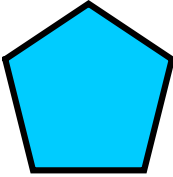
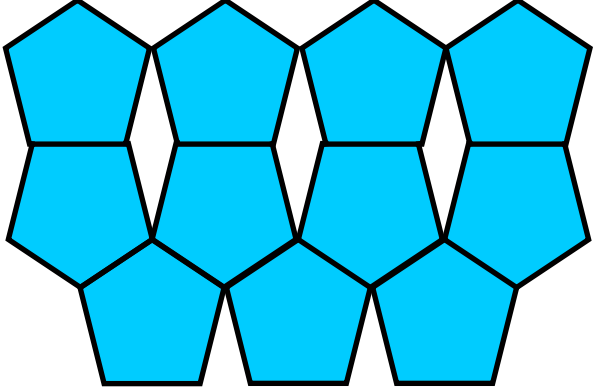
Print in grayscale or color.

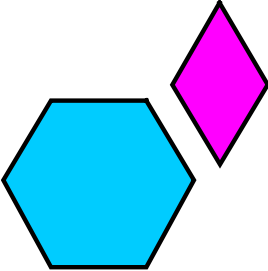
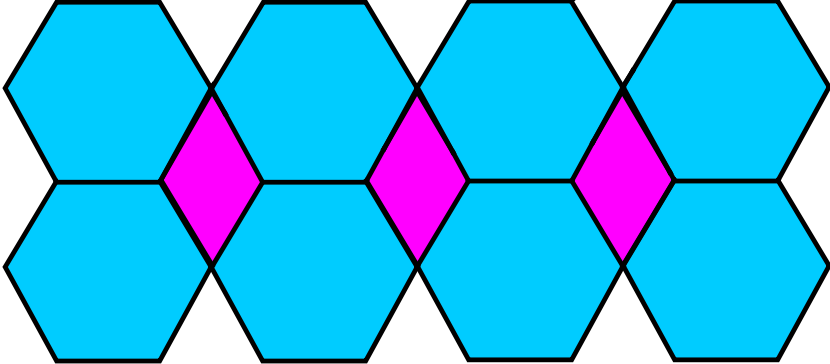
A tessellation is a pattern of geometric shapes that covers a plane with no gaps or overlaps.

Examples

 <p>Does this shape tessellate?</p>	 <p>To find out place two triangles side by side with the corners touching.</p>	 <p>Next, place a triangle upside down and fit it in the empty space.</p>
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The triangles fit together exactly with no gaps or overlays. So, the triangle shown above is said to tessellate. Let's try another shape.

 <p>Does this shape tessellate?</p>	 <p>This shape does not tessellate because there are gaps.</p>
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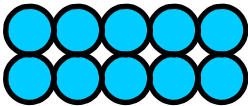
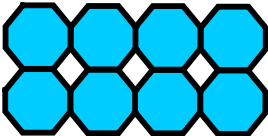

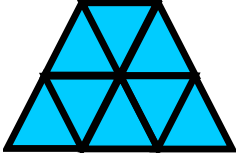
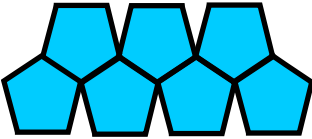
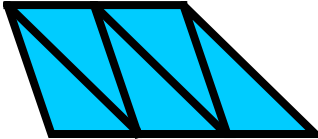
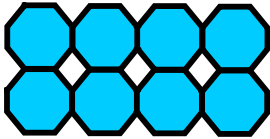
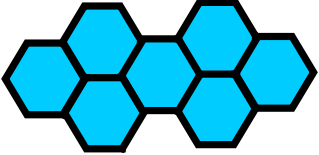
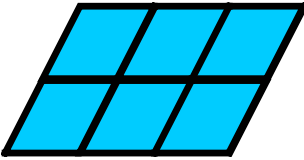
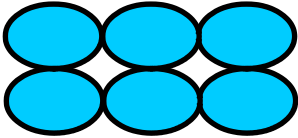
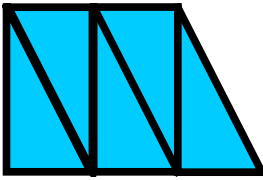
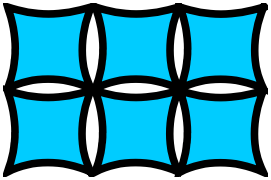
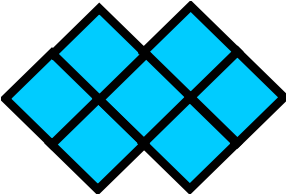
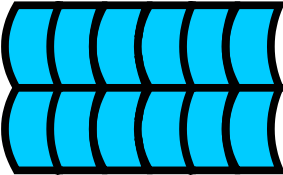
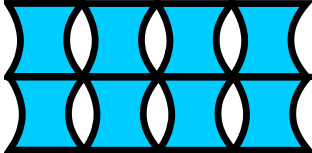

 <p>You can see if two shapes tessellate.</p>	 <p>When the shapes are put together, you can see that the shapes tessellate because there are no gaps or overlays.</p>
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Geometry

Skill 3 - 24H

Tessellations

Directions: Do the figures make a tessellation? Circle yes or no.

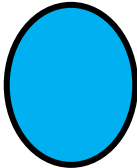
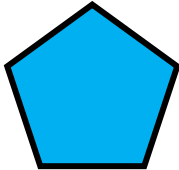
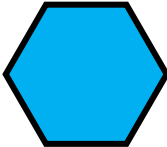
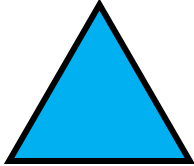

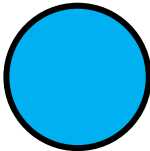
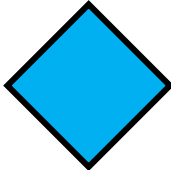
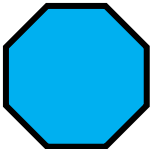



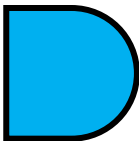
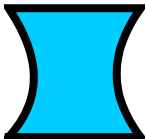
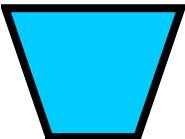
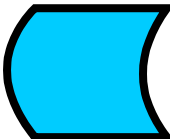

<p>1.</p>  <p>yes no</p>	<p>2.</p>  <p>yes no</p>	<p>3.</p>  <p>yes no</p>	<p>4.</p>  <p>yes no</p>
<p>5.</p>  <p>yes no</p>	<p>6.</p>  <p>yes no</p>	<p>7.</p>  <p>yes no</p>	<p>8.</p>  <p>yes no</p>
<p>9.</p>  <p>yes no</p>	<p>10.</p>  <p>yes no</p>	<p>11.</p>  <p>yes no</p>	<p>12.</p>  <p>yes no</p>
<p>13.</p>  <p>yes no</p>	<p>14.</p>  <p>yes no</p>	<p>15.</p>  <p>yes no</p>	<p>16.</p>  <p>yes no</p>

Geometry

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Tessellations

Directions: Will each figure tessellate? Circle yes or no.

17.  yes no	18.  yes no	19.  yes no	20.  yes no
21.  yes no	22.  yes no	23.  yes no	24.  yes no
25.  yes no	26.  yes no	27.  yes no	28.  yes no
29.  yes no	30.  yes no	31.  yes no	32.  yes no

Answer Key
Skill 3 - 24H

Tessellations

Directions: Do the figures make a tessellation? Circle yes or no.

1. yes no	2. yes no	3. yes no	4. yes no
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5. yes no	6. yes no	7. yes no	8. yes no
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9. yes no	10. yes no	11. yes no	12. yes no
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13. yes no	14. yes no	15. yes no	16. yes no
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17. yes no	18. yes no	19. yes no	20. yes no
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21. yes no	22. yes no	23. yes no	24. yes no
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25. yes no	26. yes no	27. yes no	28. yes no
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29. yes no	30. yes no	31. yes no	32. yes no
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