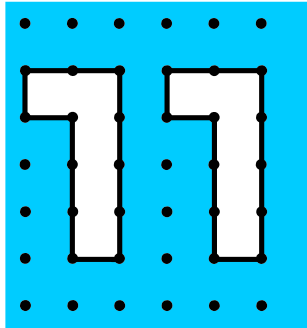
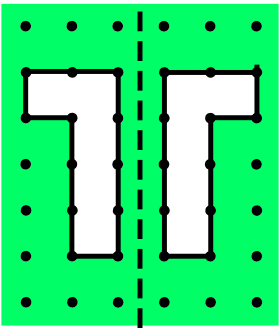
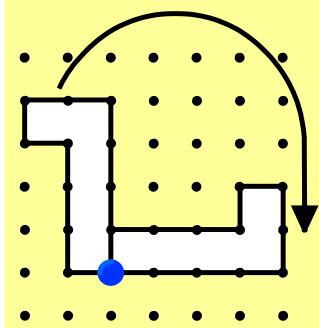


Geometry

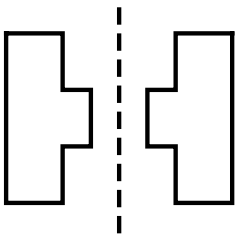
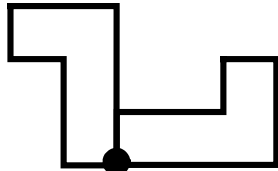
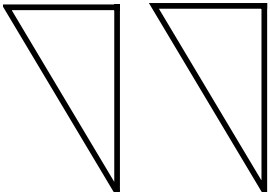
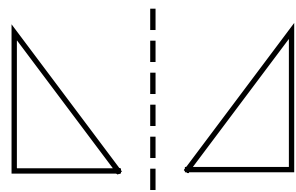
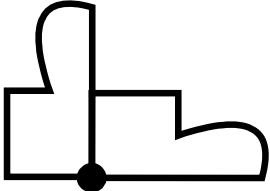
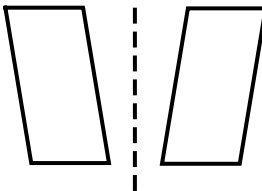
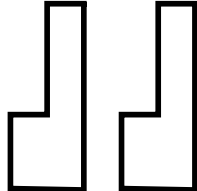
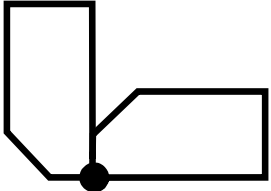
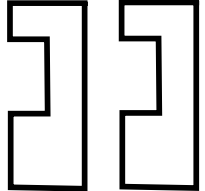
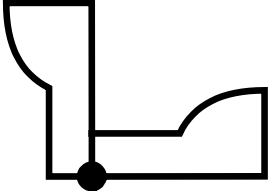
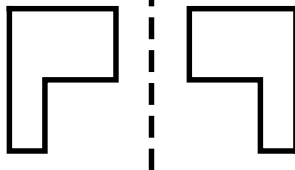
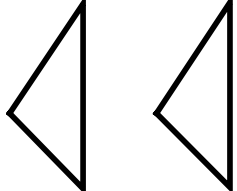
Skill 4 - 20C

Transformations

Examples of Transformations

Slide or Translation	Flip or Reflection	Turn or Rotation
		

Directions: How was each figure below moved? Write translation, reflection or rotation below each figure.

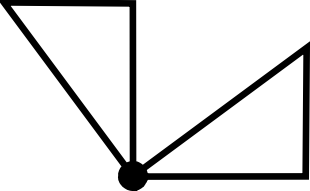
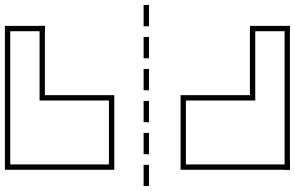
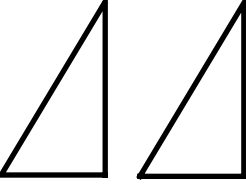
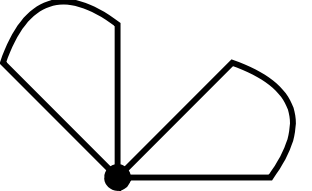
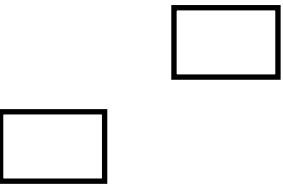
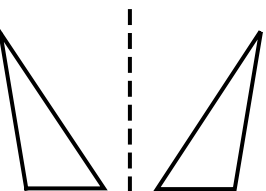
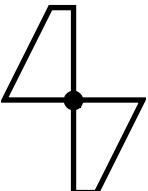
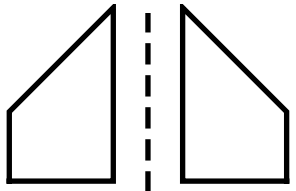
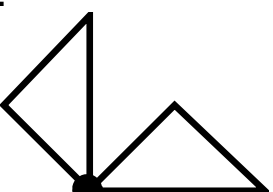
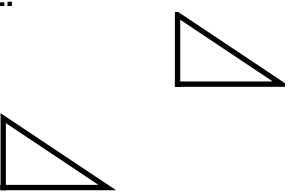
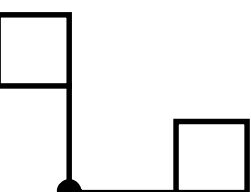
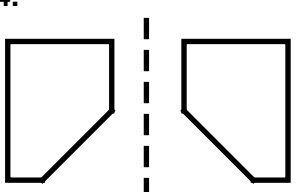
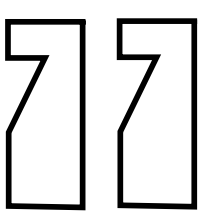
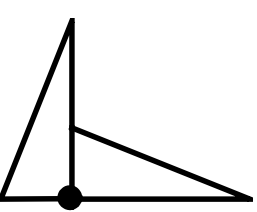
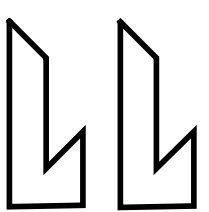
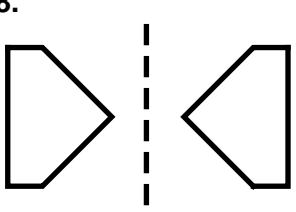
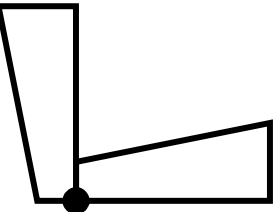
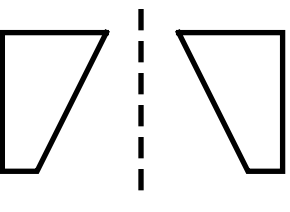
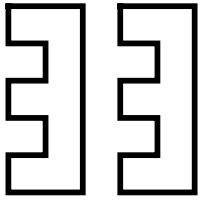
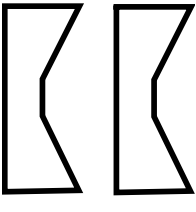
<p>1.</p> 	<p>2.</p> 	<p>3.</p> 	<p>4.</p> 
<p>5.</p> 	<p>6.</p> 	<p>7.</p> 	<p>8.</p> 
<p>9.</p> 	<p>10.</p> 	<p>11.</p> 	<p>12.</p> 

Geometry

Skill 4 - 20C

Transformations

Directions: How was each figure below moved? Write translation, reflection or rotation below each figure.

13. 	14. 	15. 	16. 
17. 	18. 	19. 	20. 
21. 	22. 	23. 	24. 
25. 	26. 	27. 	28. 
29. 	30. 	31. 	32. 

Answer Key: Skill 20C Grade 4

- | | | | | |
|-----------------|-----------------|----------------|----------------|-----------------|
| 1. reflection | 2. rotation | 3. translation | 4. reflection | 5. rotation |
| 6. reflection | 7. translation | 8. rotation | 9. translation | 10. rotation |
| 11. reflection | 12. translation | 13. rotation | 14. reflection | 15. translation |
| 16. rotation | 17. translation | 18. reflection | 19. rotation | 20. reflection |
| 21. rotation | 22. translation | 23. rotation | 24. reflection | 25. translation |
| 26. rotation | 27. translation | 28. reflection | 29. rotation | 30. reflection |
| 31. translation | 32. translation | | | |

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