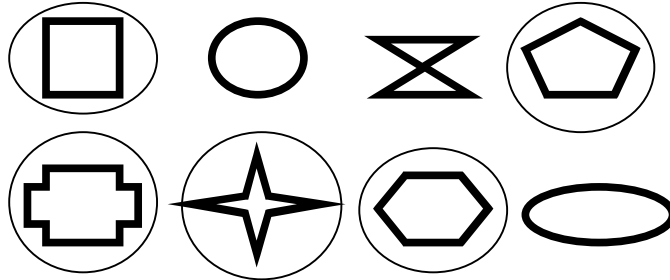


Geometry in My World (3 - 4)

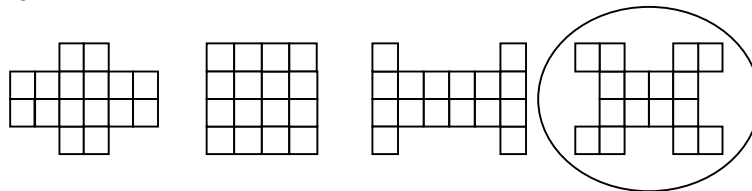
Answer Key and Scoring Guide

- | <u>Item</u> | <u>Value</u> | <u>Answer</u> |
|-------------|--------------|---|
| 1. | (1-2 points) | <p>Score of 2: All correct figures circled and no incorrect figure circled.
 Score of 1: Some correct figures circled and no incorrect figure circled.
 Score of 0: An incorrect figure circled.</p> |

Solution:

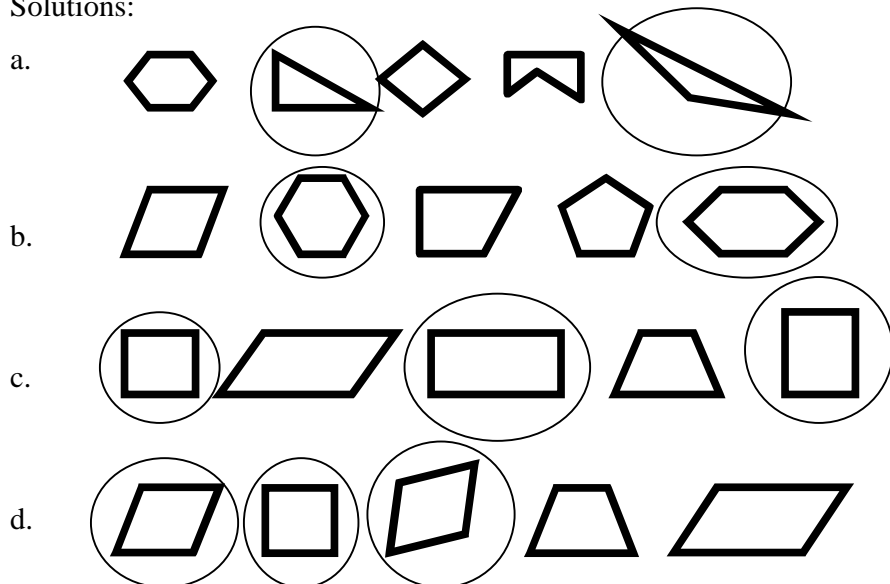


- | | | |
|----|-----------|---|
| 2. | (1 point) | 6 |
| 3. | (1 point) | |

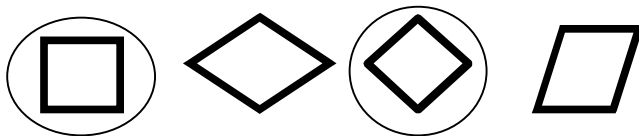


- | | | |
|----|--|---|
| 4. | (8 points / 1-2 points for each section) | <p>Score of 2: All correct figures circled and no incorrect figure circled.
 Score of 1: Some correct figures circled and no incorrect figure circled.
 Score of 0: An incorrect figure circled.</p> |
|----|--|---|

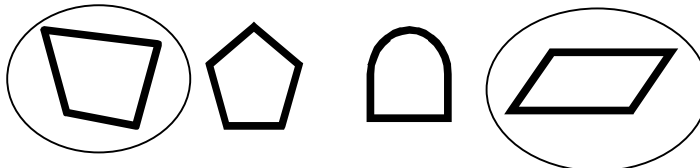
Solutions:



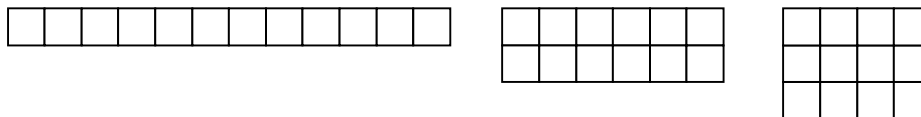
5. (1-2 points) **Score of 2:** All correct figures circled and no incorrect figure circled.
Score of 1: Some correct figures circled and no incorrect figure circled.
Score of 0: An incorrect figure circled.



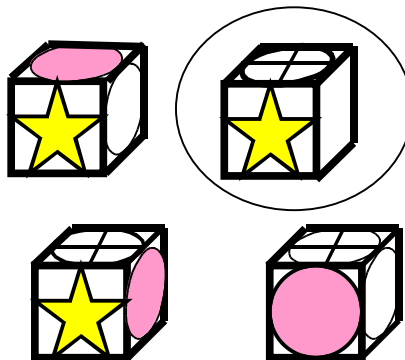
6. (1-2 points) **Score of 2:** All correct figures circled and no incorrect figure circled.
Score of 1: Some correct figures circled and no incorrect figure circled.
Score of 0: An incorrect figure circled.



7. (1-3 points) One point for each correct rectangle.



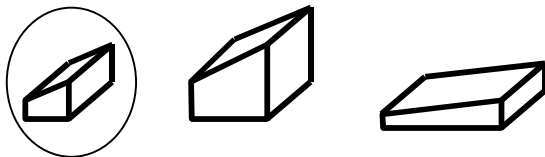
8. (1 point) Two figures need to have been drawn, both need to be 6 x 6 rhombuses, congruent to the figure shown.
- 9a. (1 point) All Pattern Block shapes tessellate, however, students need to demonstrate that the shape could fill the space without any gaps or overlaps. The entire space need not be filled in, but enough to clearly show that the shape tessellates.
- 9b. (1 point) Responses need to reflect the idea of no gaps and no overlaps.
10. (1 point)



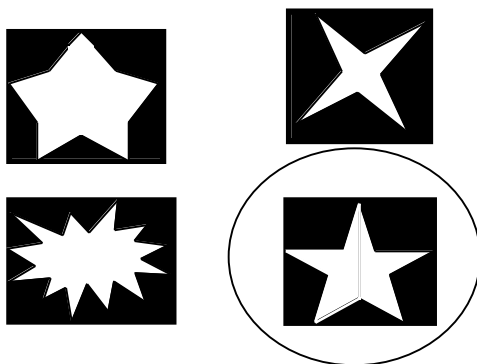
- 11a-11d (12 points / 1-3 points each)
Score of 3: Drawing of figure, name of figure and two attributes are correct.
 A point can be given for each correct component.
 — In items 11a and 11b, drawings need to be of 2 different quadrilaterals (4 sided figures).
 — In items 11c and 11d, drawings need to be shapes with three or more than 4 sides. Each figure must be different.

12. (1-2 points) Each step is worth 1 point. Steps can be in any order.
- rotate or turn
 - slide or translate 2 units to the left

13. (1 point)

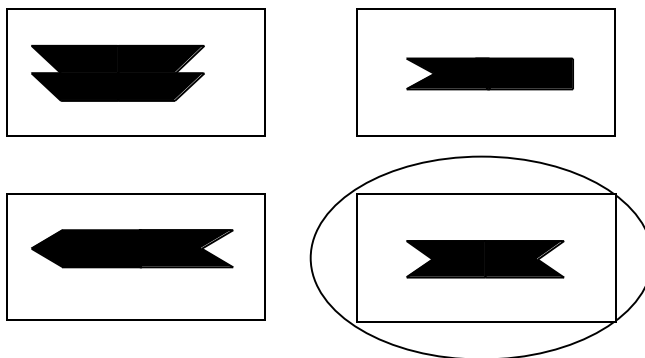


14. (1 point)

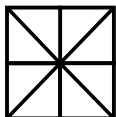


15. (1-2 points) **Score of 2:** All correct answers circled and no incorrect answer circled.
Score of 1: Some correct answers circled and no incorrect answer circled.
Score of 0: Incorrect answer circled.
 Correct solution: rectangles polygons similar

16. (1 point)



17. (1-4 points) One point for each correct line of symmetry.



18. (1 point)

