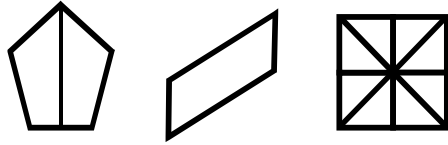


Turn On to Geometry (5 - 6)

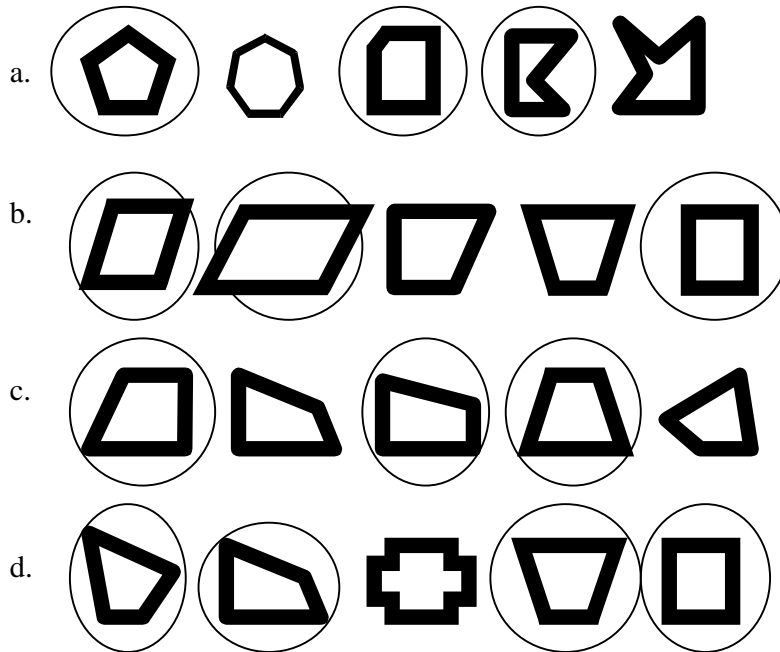
Answer Key and Scoring Guide

- | <u>Item</u> | <u>Value</u> | <u>Answer</u> |
|-------------|--------------|------------------------------------|
| 1. | (1-3 points) | One point for each correct answer. |



- | | | |
|----|-------------------------------|--|
| 2. | (1-3 points) | One point for each correct answer. 90° 120° 60° |
| 3. | (1-2 points) | One point for each correct answer. 360° 180° |
| 4. | (1-2 points for each section) | |

Score of 2: All correct answers circled and no incorrect answers circled.
Score of 1: Some correct answers circled and no incorrect answers circled.
Score of 0: An incorrect answer circled.
 Solutions:



- | | | |
|----|--------------|---|
| 5. | (1-4 points) | One point for each correct answer. <ul style="list-style-type: none"> • range of $35^\circ - 55^\circ$ • range of $125^\circ - 145^\circ$ • range of $85^\circ - 95^\circ$ • range of $85^\circ - 95^\circ$ |
|----|--------------|---|

6. (1-2 points) **Score of 2:** Both correct answers circled and no incorrect answer circled.
Score of 1: One correct answer circled and no incorrect answer circled.
Score of 0: An incorrect answer circled.

Solutions:

prisms polyhedrons

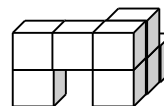
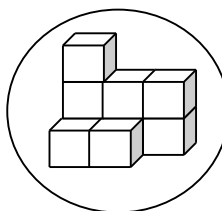
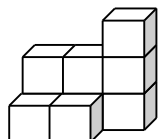
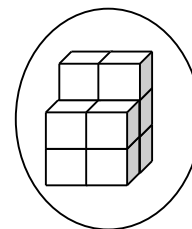
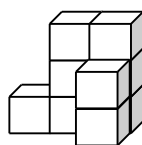
7. (1 point) Both answers are needed. hexagons 2
 rectangles 6

8. (1-2 points) One point for each correct figure. Figures need to be triangles.
 Solution:

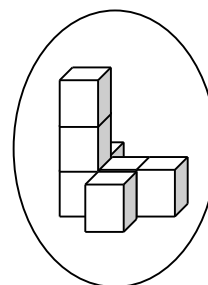
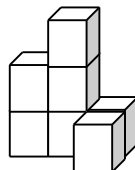
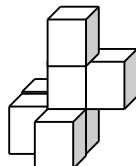
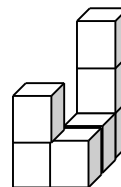
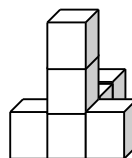
- An equilateral triangle with sides of 5 units needs to be labeled congruent.
- An equilateral triangle with sides of greater than or less than 5 units needs to be labeled similar.

9. (1 point) 4

10. (1-2 points) **Score of 2:** Both correct figures circled and no incorrect figure circled.
Score of 1: One correct figure circled and no incorrect figure circled.
Score of 0: An incorrect figure circled.
 Solution:

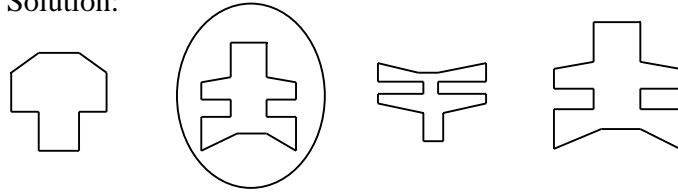


11. (1 point) Solution:



12. (1 point)

Solution:



13. (1-3 points)

One point for each correct response, an incorrect response nullifies a correct response.

Solutions: A, D, F

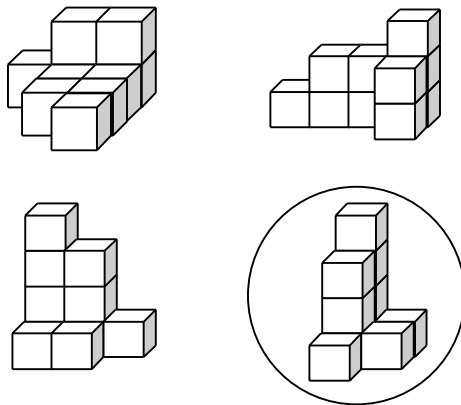
14. (1-3 points)

One point for each correct response, an incorrect response nullifies a correct response.

Solutions: B, C, E

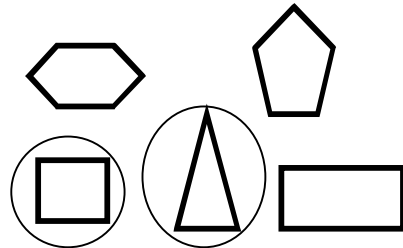
15. (1 point)

Solution:



16. (1 point)

Both figures need to be circled for credit.



17. (1-6 points)

One point for each part.

Right angle: A

Acute angle: C

Obtuse angle: E

Right triangle: F

Acute triangle: B

Obtuse triangle: D

18a. (1 point)

Possible answers:

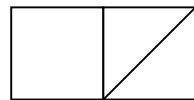
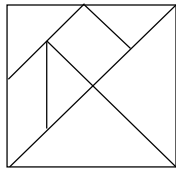
- large Tangram triangle
- medium Tangram triangle
- small Tangram triangle
- Tangram square

18b. (1 point)

Tangram parallelogram

19. (1 point)

At least 2 non-congruent Tangram pieces need to be used to construct a rectangle.
Possible solutions:



20. (1-3 points)

1 point for correct drawing of a prism.

.5 to 2 points for the list of attributes.

Score of .5 for each correct attribute listed, up to 2 points.

Possible attributes:

- number of faces
- number of vertices
- names of polygon faces
- name of prism
- number of edges