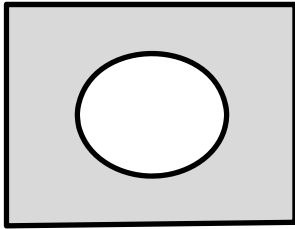


Example Item 3C.1b (Grade 7)

Primary Target 3C (Content Domain G), Secondary Target 1F (CCSS 7.G.B), Tertiary Target 3G

Glenn saw the figure below and said,
"If I find the length (l), width (w), and radius (r), then the area (A) of the shaded region is $A = l \cdot w - \pi r^2$."



Which assumptions must Glenn be making in order for his equation to give the correct area of the shaded region? Select **all** that apply.

- A. The quadrilateral is a rhombus.
- B. The quadrilateral is a rectangle.
- C. The curved figure in the center is a circle.
- D. The curved figure in the center is a sphere.

Rubric: (1 point) The student selects the correct assumptions (B and C).

Response Type: Multiple Choice, single correct response