Insights project: Inquiry model Student name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_\_

Project name : 4 Rings^

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| Observations and doodles | |
| Facts:   * These four congruent circles are aligned horizontally. * The area of the entire blue shaded portion of the figure is 22. * The area of the overlap between each pair of congruent circles is 4. * A is the lowest point on the left-most circle and B is the highest point on the right-most circle.   **What is the area of one of the circles?** |  |
| Wrong answers and guesses (Goldilocks) | |
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| Solve + explain |
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