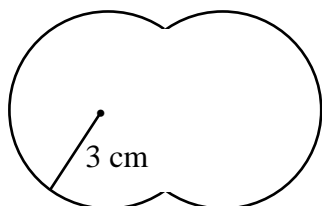


NAME: _____

1. Find an example of how farmers might need to use circles in their farming.

2. Estimate the area of the figure below. Explain your answer.



- Answers may vary. Sample: They plow their fields in circular patterns and might want the area plowed,
[1] or they might use sprinklers that water in a circular pattern.
-

- Answers may vary. Since the overlapping circles appear to be similar in size, and the area of one
circle = $\pi 3^2 = 28.26 \text{ cm}^2$, the estimate should be somewhat less than 56.5 cm^2 . An acceptable range is
[2] $47 \text{ cm}^2 - 54 \text{ cm}^2$.
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