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Module 13 Perimeter, Area, and Volume
Lesson 3 Area: Irregular Shapes

## Challenge Problems

 13.3
## Set 1

(1) Show two different strategies for estimating the area of the shape.

(2)

Richard is making a circular tabletop with a circumference of 31.4 feet. Can Richard use a square piece of wood that is five feet on each side to make the tabletop? Explain.

3 Estimate the area of the gray region.


18 ft

## Additional Work Area

