

UNIT 6: IRRATIONAL MATH

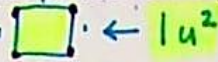
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Objectives: I can calculate areas using right triangles and rectangles.

Areas of Irregular Polygons Using Right Triangles and Rectangles

Notes:

Consider the horizontal or vertical distance between two adjacent dots to be 1 unit. The area of a square with side lengths of 1 unit is 1 square unit.



Find the area of each polygon. You must use right triangles and rectangles. Show all work.

Unit Key

- $1u^2$ (square)
- $\frac{1}{2}u^2$ (triangle)
- $2u^2$ (rectangle)
- $1u^2$ (triangle)
- $3u^2$ (triangle)
- $1.5u^2$ (triangle)

and so on...

