

# Area Concepts in *Investigations*

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- When measuring area, the space being measured must be completely covered with no gaps or overlaps
- Different shapes can have the same area
- The larger the unit being used to measure an area, the smaller the number of units needed to measure the area
- A shape can be decomposed into smaller shapes, and the area of the smaller shapes can be combined to find the area of the larger shape
- The area of triangles can be found by using their relationship to rectangles
- The standard measurement of area is square units