Find the area of the shapes in each grid. Fill in the box with appropriate symbol <, > or = in each problem.

1) 

Area of Square \[ \text{Area} = \] \[ \text{Area} = \]

Area of Rectangle

2) 

Area of Rhombus \[ \text{Area} = \] \[ \text{Area} = \]

Area of Trapezoid

3) 

Area of Triangle \[ \text{Area} = \] \[ \text{Area} = \]

Area of Octagon

4) 

Area of Quadrilateral \[ \text{Area} = \] \[ \text{Area} = \]

Area of Parallelogram

5) 

Area of Pentagon \[ \text{Area} = \] \[ \text{Area} = \]

Area of Hexagon
Find the area of the shapes in each grid. Fill in the box with appropriate symbol <, > or = in each problem.

1) Area of Square
   \[ \text{Area} = 16 \text{ in}^2 \]
   \[ \text{Area} = 15 \text{ in}^2 \]
   Area of Square \[ > \] Area of Rectangle

2) Area of Rhombus
   \[ \text{Area} = 8 \text{ in}^2 \]
   \[ \text{Area} = 8 \text{ in}^2 \]
   Area of Rhombus \[ = \] Area of Trapezoid

3) Area of Triangle
   \[ \text{Area} = 9 \text{ in}^2 \]
   \[ \text{Area} = 14 \text{ in}^2 \]
   Area of Triangle \[ < \] Area of Octagon

4) Area of Quadrilateral
   \[ \text{Area} = 14 \text{ in}^2 \]
   \[ \text{Area} = 15 \text{ in}^2 \]
   Area of Quadrilateral \[ < \] Area of Parallelogram

5) Area of Pentagon
   \[ \text{Area} = 16 \text{ in}^2 \]
   \[ \text{Area} = 16 \text{ in}^2 \]
   Area of Pentagon \[ = \] Area of Hexagon