Geometry Bounded Area (use graph paper, one coordinate grid for each problem)

Graph the equations for each problem on a coordinate plane. State what figure is formed by the boundaries of the intersecting lines, then calculate the area bounded by the equations.

1. Find the area bounded by the x-axis, the y-axis, and the graph y = -1/2 x + 3.
2. Find the area bounded by the x-axis, the y-axis, and the graph y = x – 4.
3. Find the area bounded by the x-axis, the y-axis, and the graph y = ¾ x + 3.
4. Find the area bounded by the x-axis, x = 1, x = 3, and y = 2x + 3.
5. Find the area bounded by the x-axis, y = 5, x = 3, and x = 0.
6. Find the area bounded by the y-axis, y = 1, y = 6, and y = 3x – 9.
7. Find the area bounded by the y-axis, x = 4, y = 2x, and y = 2x – 8.

Geometry Bounded Area (use graph paper, one coordinate grid for each problem)

Graph the equations for each problem on a coordinate plane. State what figure is formed by the boundaries of the intersecting lines, then calculate the area bounded by the equations.

1. Find the area bounded by the x-axis, the y-axis, and the graph y = -1/2 x + 3.
2. Find the area bounded by the x-axis, the y-axis, and the graph y = x – 4.
3. Find the area bounded by the x-axis, the y-axis, and the graph y = ¾ x + 3.
4. Find the area bounded by the x-axis, x = 1, x = 3, and y = 2x + 3.
5. Find the area bounded by the x-axis, y = 5, x = 3, and x = 0.
6. Find the area bounded by the y-axis, y = 1, y = 6, and y = 3x – 9.
7. Find the area bounded by the y-axis, x = 4, y = 2x, and y = 2x – 8.

Geometry Bounded Area (use graph paper, one coordinate grid for each problem)

Graph the equations for each problem on a coordinate plane. State what figure is formed by the boundaries of the intersecting lines, then calculate the area bounded by the equations.

1. Find the area bounded by the x-axis, the y-axis, and the graph y = -1/2 x + 3.
2. Find the area bounded by the x-axis, the y-axis, and the graph y = x – 4.
3. Find the area bounded by the x-axis, the y-axis, and the graph y = ¾ x + 3.
4. Find the area bounded by the x-axis, x = 1, x = 3, and y = 2x + 3.
5. Find the area bounded by the x-axis, y = 5, x = 3, and x = 0.
6. Find the area bounded by the y-axis, y = 1, y = 6, and y = 3x – 9.
7. Find the area bounded by the y-axis, x = 4, y = 2x, and y = 2x – 8.

Geometry Bounded Area (use graph paper, one coordinate grid for each problem)

Graph the equations for each problem on a coordinate plane. State what figure is formed by the boundaries of the intersecting lines, then calculate the area bounded by the equations.

1. Find the area bounded by the x-axis, the y-axis, and the graph y = -1/2 x + 3.
2. Find the area bounded by the x-axis, the y-axis, and the graph y = x – 4.
3. Find the area bounded by the x-axis, the y-axis, and the graph y = ¾ x + 3.
4. Find the area bounded by the x-axis, x = 1, x = 3, and y = 2x + 3.
5. Find the area bounded by the x-axis, y = 5, x = 3, and x = 0.
6. Find the area bounded by the y-axis, y = 1, y = 6, and y = 3x – 9.
7. Find the area bounded by the y-axis, x = 4, y = 2x, and y = 2x – 8.