Correct. The radius of the semicircle is 3 inches, so the diameter is 6 inches. This is equal to the width of the rectangle and the base of the triangle. Now find the area of each part:

Area of semicircle: $A = \frac{\pi r^2}{2} = \frac{\pi(3)^2}{2} = \frac{\pi \cdot 9}{2} \approx \frac{3.14 \cdot 9}{2} = 14.13$

Area of rectangle: $A = l \cdot w = 8 \cdot 6 = 48$

Area of triangle: $A = \frac{1}{2}b \cdot h = \frac{1}{2}(6)(4) = \frac{1}{2}(24) = 12$

The total area is the sum of these parts: $14.13 + 48 + 12 = 74.13$

The approximate area of the composite figure is 74.1 square inches.