

Correct. Area of the rectangle:  $A = l \cdot w = 8 \cdot 4 = 32$

The diameter of the semicircle is  $d = 8 - 3 - 3 = 2$  feet, so the radius is 1 foot.

Area of the semicircle:  $A = \frac{\pi r^2}{2} = \frac{\pi(1)^2}{2} = \frac{\pi \cdot 1}{2} \approx \frac{3.14 \cdot 1}{2} = 1.57$

Total area is the sum of the two areas:  $32 + 1.57 = 33.57$

The composite figure has an approximate area of 33.57 square feet.