



To find the area, divide the figure into two or more sections, find the area of each and sum.

Here, it makes sense to find the area of the triangle and the area of the semicircle (find the area of the circle and divide in two).

$$A = \frac{1}{2}bh \text{ and } A = \pi r^2 \text{ for the circle}$$

$$A = \frac{1}{2}bh$$

$$A = \frac{1}{2}(4)(5) = 10 \text{ sq in}$$

$$A = \pi r^2$$

$$A = (3.14)(2)^2 = 12.56$$

Take half of this area
= 6.28

The total area of the figure is $10 + 6.28 = 16.28$ sq in