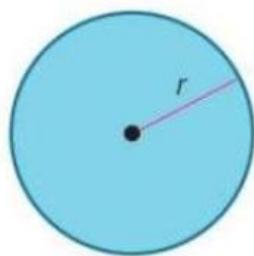
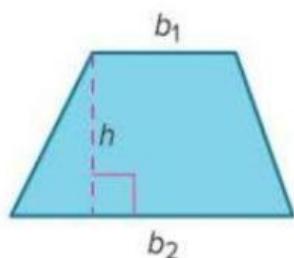
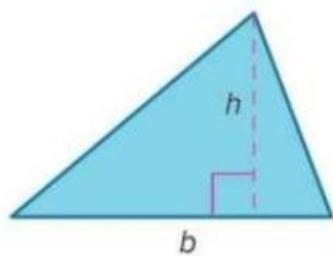
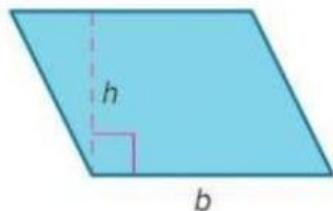


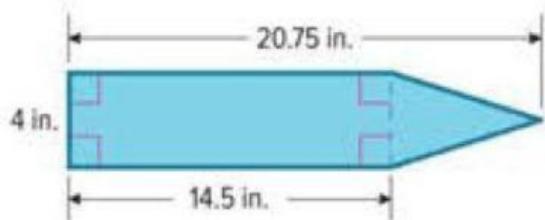
Area of Composite Figures

Label each shape with its correct name and corresponding area formula.



1. Ayanna is painting a sign made from a piece of reclaimed wood with the dimensions shown.

What is the area of the sign?



Area of rectangular part = in^2

Area of triangular part = in^2

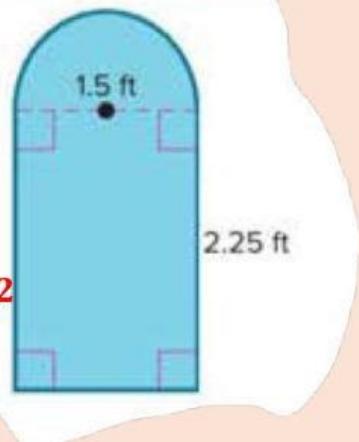
Area of the sign = + = in^2

2. Find the area of the figure. Use 3.14 for π . Round to the nearest hundredth if necessary.

Area of semicircular part = ft^2

Area of rectangular part = ft^2

Area of the figure = + = ft^2

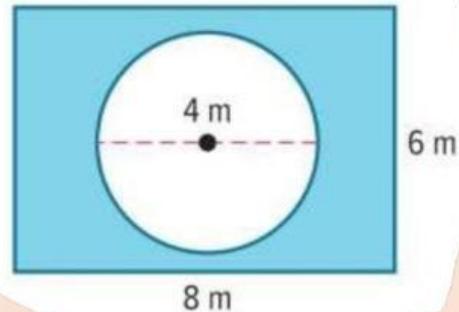


3. Use area formulas to find the area of a shaded region. First find the area of the entire figure. Then subtract to find the area of the shaded region.

Area of rectangle = m^2

Area of circle = m^2

Area of Shaded part = = m^2

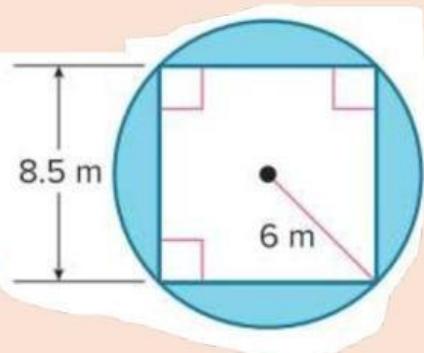


4. Find the area of the shaded region. Use 3.14 for π . Round to the nearest hundredth if necessary.

Area of the circle = m^2

Area of the square = m^2

Area of the shaded region = $= m^2$

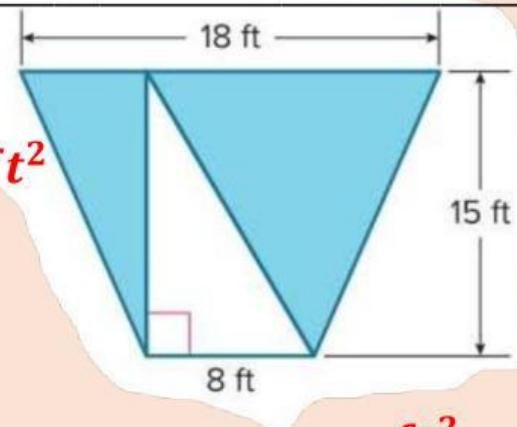


5. Find the area of the shaded region.

Area of the trapezium ABCD = ft^2

Area of the triangle PQR = ft^2

Area of the shaded region = $= ft^2$

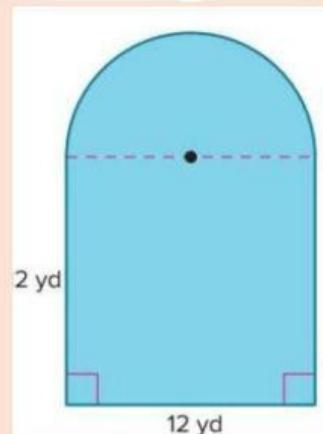


Find the area of each figure. If necessary, use 3.14 for π and round to the nearest hundredth.

6.

Area of the semi-circle = yd^2

Area of the rectangle = yd^2



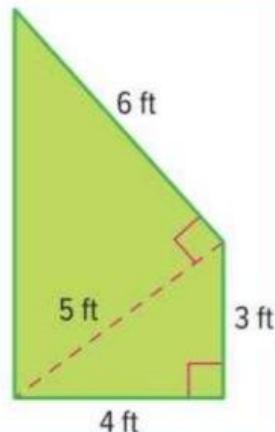
Combine area of the figure = $= yd^2$

7.

$$\text{Area } \triangle ABC = ft^2$$

$$\text{Area } \triangle BCD = ft^2$$

$$\text{Area of the figure} = = ft^2$$

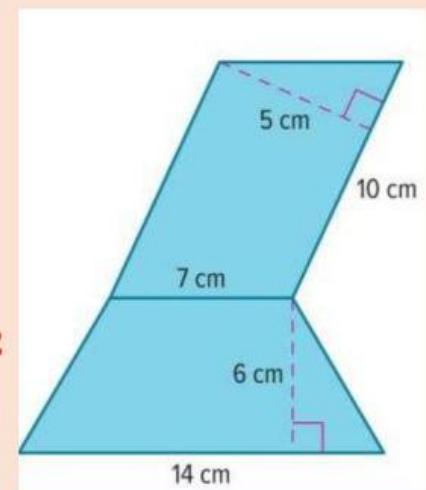


8.

$$\text{Area of the parallelogram} = cm^2$$

$$\text{Area of the trapezium} = cm^2$$

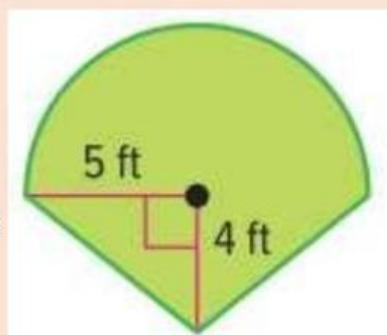
$$\text{Area of the figure} = = cm^2$$



$$9. \text{ Area of semi-circular part} = ft^2$$

$$\text{Area of triangular part} = ft^2$$

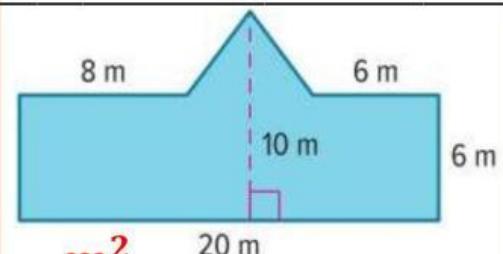
$$\text{Area of the figure} = = ft^2$$



$$10. \text{ Area of the rectangle} = m^2$$

$$\text{Area of the Triangle} = m^2$$

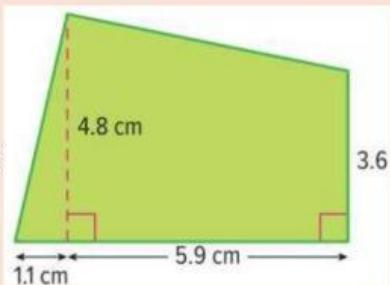
$$\text{Area of the figure} = = m^2$$



11. Area of the trapezium = m^2

Area of the Triangle = m^2

Area of the figure = = m^2



12. Find the area of shaded region. 8 ft

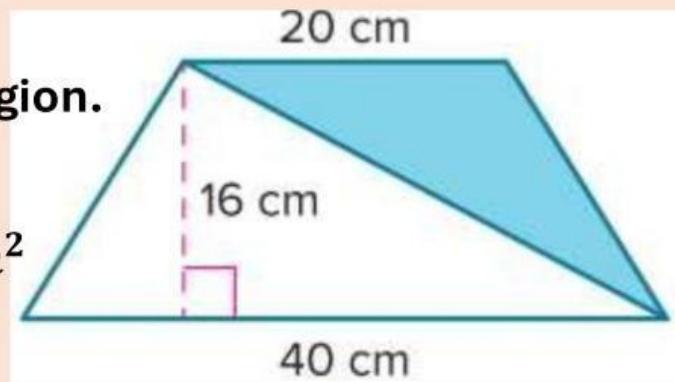
Area of the rectangle = ft^2

Area of each square = ft^2

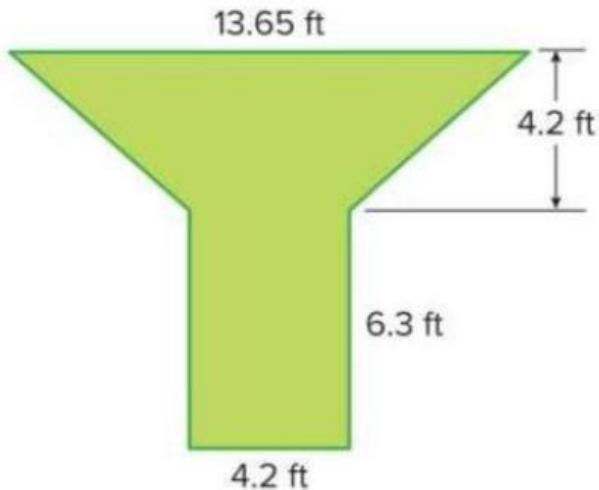
Area of shaded region = - - - = ft^2

13. Find the area of shaded region.

Area of the shaded region = cm^2



14. The Jamesons hired a landscaper to create the walkway shown.



If one case of decorative stone costs \$25 and covers 6 square feet, how much will it cost to cover the walkway?

Area of the Trapezoid part = ft^2

Area of the rectangular part = ft^2

Area of the walkway = $= ft^2$

Number of case of decorative stones required = $\text{---} =$

Cost to cover the walkway = \$