

# Find the area of a semicircle and quarter circle



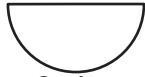
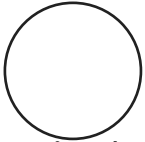
# Find the area of a semicircle and quarter circle

1. Match each area formula to a shape.

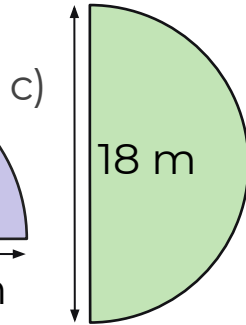
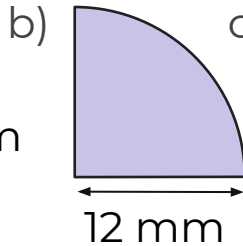
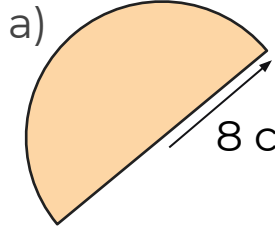
$$\pi r^2$$

$$\frac{\pi r^2}{4}$$

$$\frac{\pi r^2}{2}$$

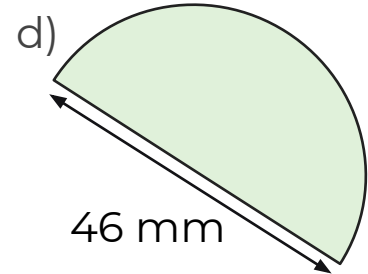
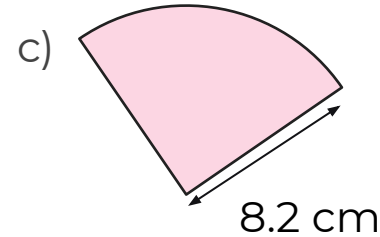
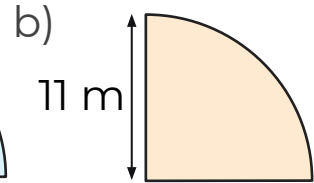
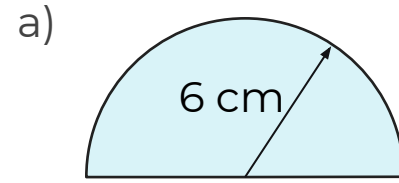


2. Find the area of these shapes in terms of  $\pi$ .



3. Find the area of these shapes.

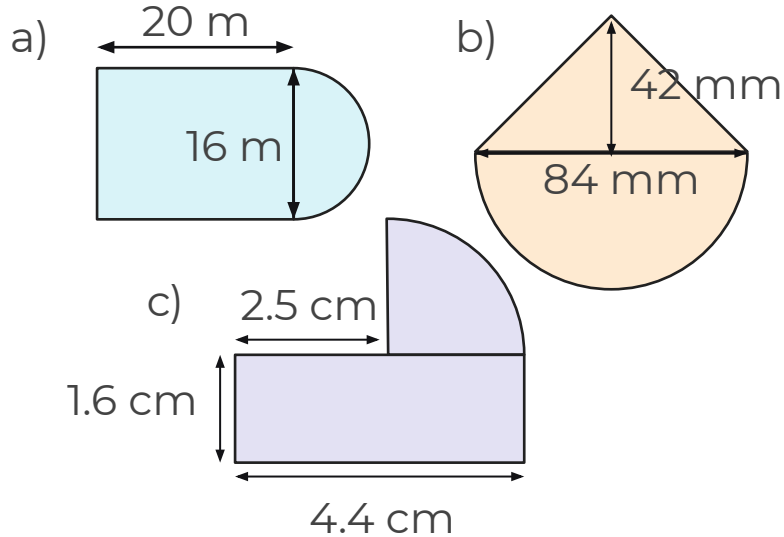
Give answers to 3 significant figures.



# Find the area of a semicircle and quarter circle

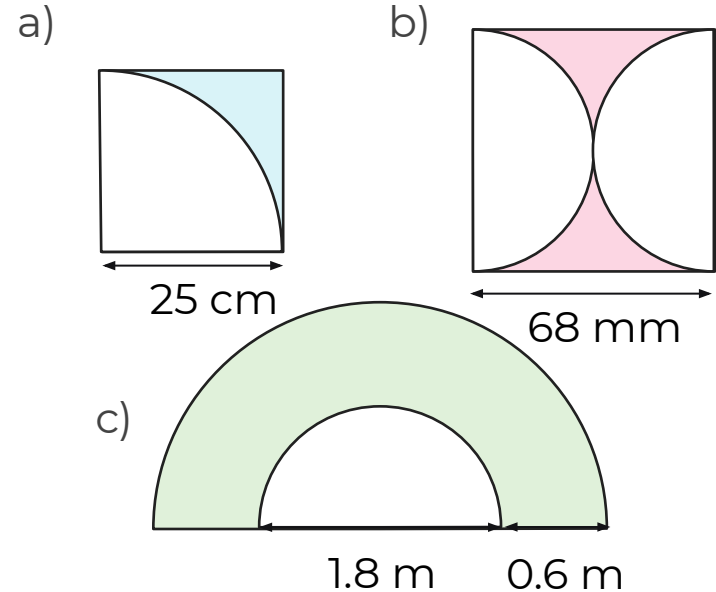
4. Find the area of the compound shapes.

Give answers to 3 significant figures.



5. Calculate the shaded areas.

Give answers to 3 significant figures.



# Answers



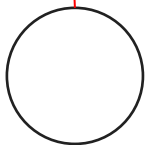
# Find the area of a semicircle and quarter circle

1. Match each area formula to a shape.

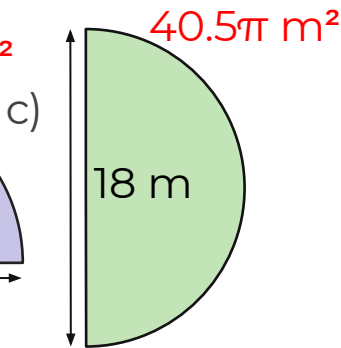
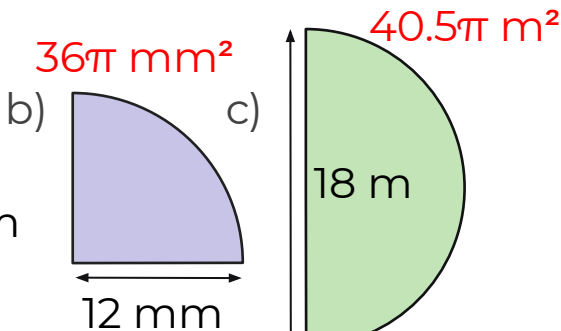
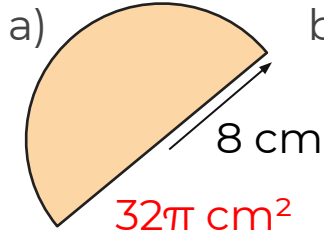
$$\pi r^2$$

$$\frac{\pi r^2}{4}$$

$$\frac{\pi r^2}{2}$$

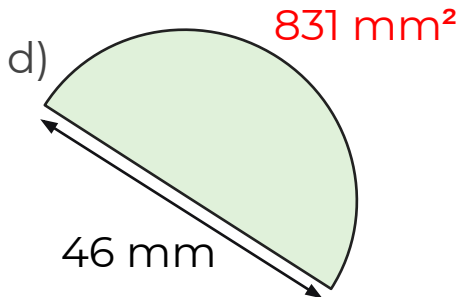
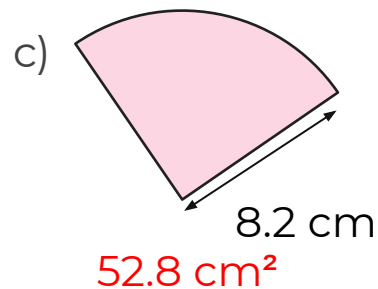
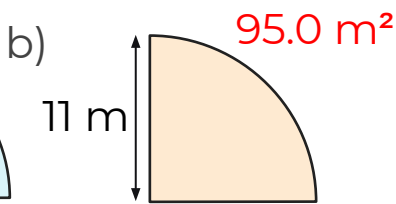
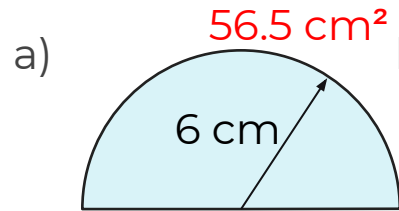


2. Find the area of these shapes in terms of  $\pi$ .



3. Find the area of these shapes.

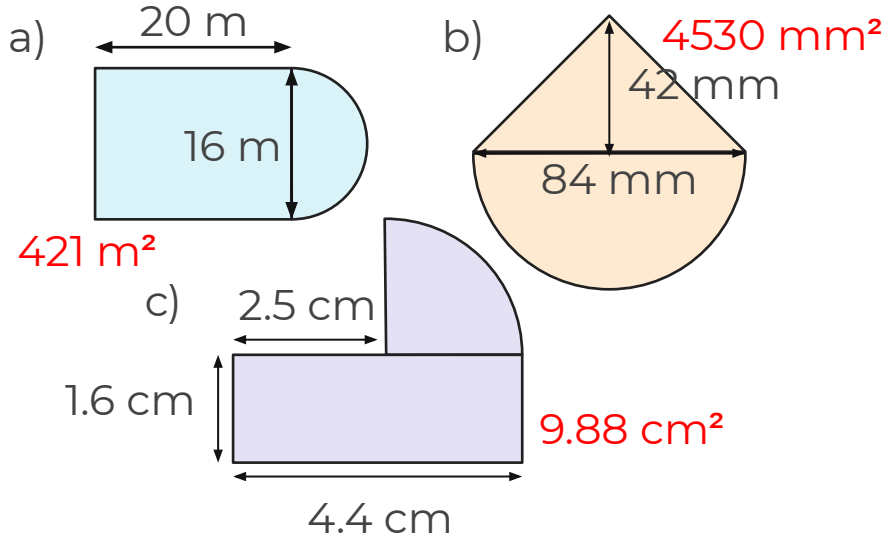
Give answers to 3 significant figures.



# Find the area of a semicircle and quarter circle

4. Find the area of the compound shapes.

Give answers to 3 significant figures.



5. Calculate the shaded areas.

Give answers to 3 significant figures.

