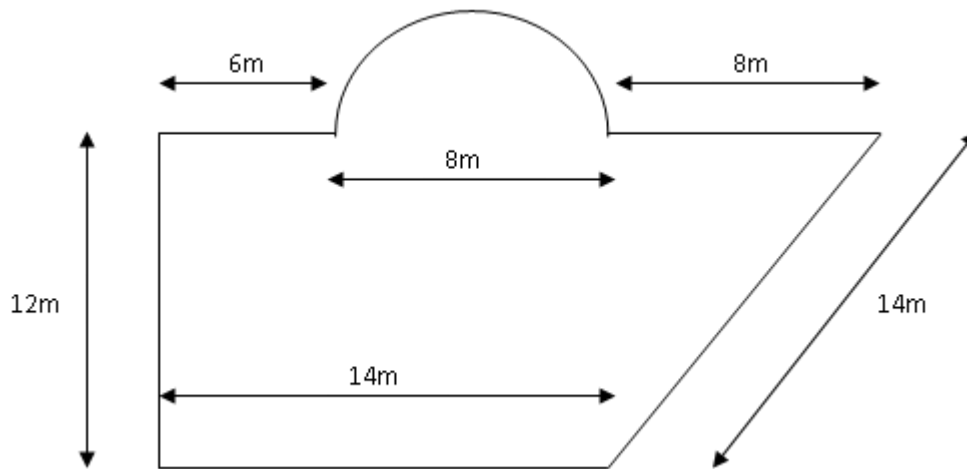


Q. 1 Calculate the area of the given shape



Q. 2 Given the area find the radius in each circle.

a)  $\text{area} = 26\text{m}^2$

b)  $\text{area} = 15.7\text{m}^2$

Quick Test Solutions

Duration: 10mins

Q. 1

$$\begin{array}{r} 12 \times 14 = 168 \\ \triangle \quad \frac{1}{2}(12 \times 8) = 48 \\ \text{半圆} \quad \frac{1}{2}(\pi \times 4^2) = \underline{25.133} \\ \mathbf{241.133m^2} \end{array}$$

Q. 2

a)  $26m^2$      $\pi r^2 = 26$   
 $r^2 = 26 \div \pi$   
 $r^2 = 8.276$   
 $r = \sqrt{8.276}$   
 $r = \mathbf{2.87m}$

b)  $15.7m^2$      $\pi r^2 = 26$   
 $r^2 = 26 \div \pi$   
 $r^2 = 4.997$   
 $r = \sqrt{4.997}$   
 $r = \mathbf{2.23m}$