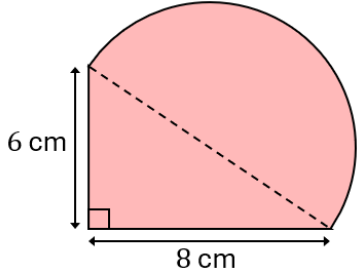
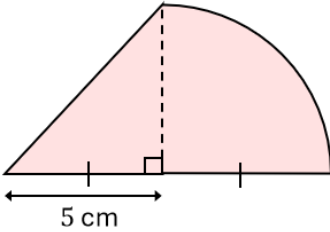
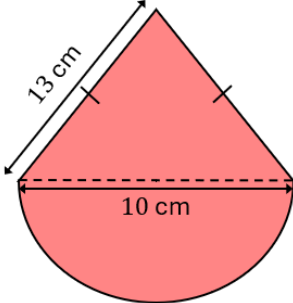
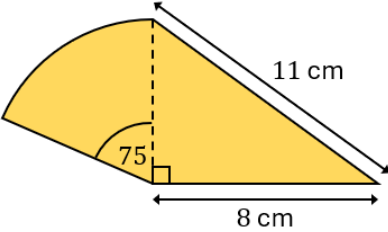
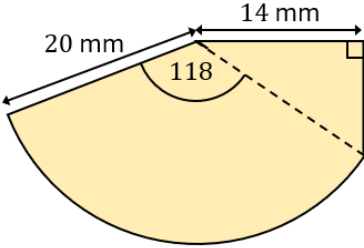
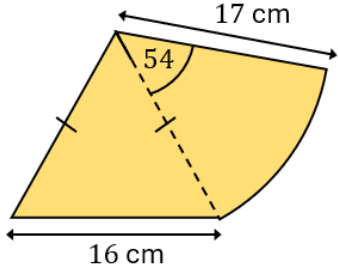
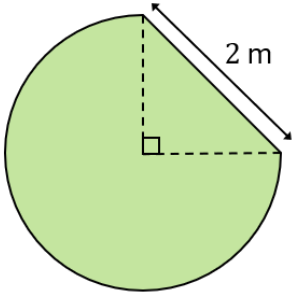
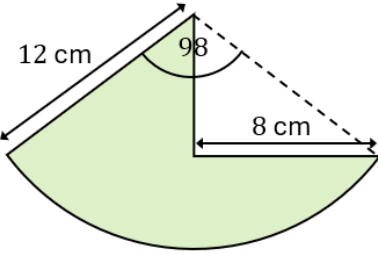
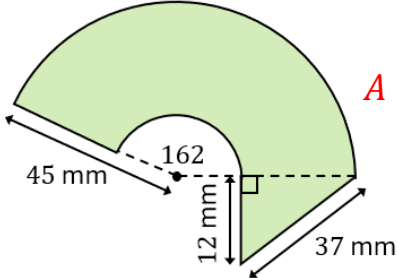


Area and Perimeter of Sectors using Pythagoras Theorem

Calculate the area and perimeter of each shape, giving your answers correct to 1 decimal place.

(a)	(b)	(c)
 <p style="text-align: right; color: red;">$A = 63.3 \text{ cm}^2$ $P = 29.7 \text{ cm}$</p>	 <p style="text-align: right; color: red;">$A = 32.1 \text{ cm}^2$ $P = 24.9 \text{ cm}$</p>	 <p style="text-align: right; color: red;">$A = 99.3 \text{ cm}^2$ $P = 41.7 \text{ cm}$</p>
(d)	(e)	(f)
 <p style="text-align: right; color: red;">$A = 67.5 \text{ cm}^2$ $P = 36.4 \text{ cm}$</p>	 <p style="text-align: right; color: red;">$A = 511.9 \text{ mm}^2$ $P = 89.5 \text{ mm}$</p>	 <p style="text-align: right; color: red;">$A = 63.3 \text{ cm}^2$ $P = 29.7 \text{ cm}$</p>
(f)	(g)	(h)
 <p style="text-align: right; color: red;">$A = 5.7 \text{ m}^2$ $P = 8.7 \text{ m}$</p>	 <p style="text-align: right; color: red;">$A = 87.4 \text{ cm}^2$ $P = 37.5 \text{ cm}$</p>	 <p style="text-align: right; color: red;">$A = 2931.4 \text{ mm}^2$ $P = 239.5 \text{ mm}$</p>