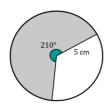
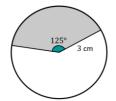
Areas of Sectors & Segments

1 Find the area of the shaded segments in the following diagrams. Round your answers to 1.d.p.

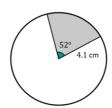
a.



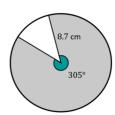
b.



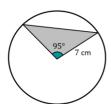
c.



d.



e.



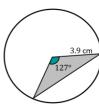
f.



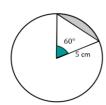
g.



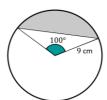
h.



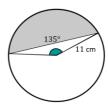
i.



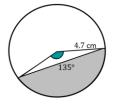
j.



k.

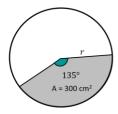


1.

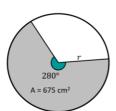


2 Find the radius using the shaded areas in each of the following diagrams. Round your answers to 1.d.p.

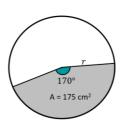
a.



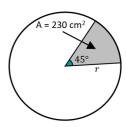
b



C.

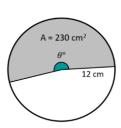


d

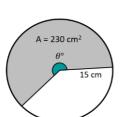


3 Find the value of θ using the shaded areas in each of the following diagrams. Round your answers to 1.d.p.

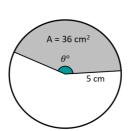
a.



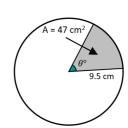
b.



C.

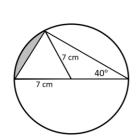


d.

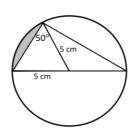


4 Find the area of the shaded segments in the following diagrams. Round your answers to 1.d.p.

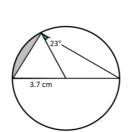
a.



b.



c.



<mark>d.</mark>

