7	The area of a sector of a circle is $36.288 \mathrm{cm}^2$ . The angle of the sector is $\theta$ radians and the radiathe circle is $r \mathrm{cm}$ .	ius of
	(a) Find an expression for $\theta$ in terms of $r$ .	[1]
	The perimeter of the sector is 24.48 cm.	
	<b>(b)</b> Show that $\theta = \frac{24.48}{r} - 2$ .	[1]
	(c) Find the possible values of $r$ .	[3]