

Final answers

(G01.1a)	$a =$	m	$b =$	m	Marks (7.0)
	$\theta_{\text{res}}^a =$		$\theta_{\text{res}}^b =$		
	a		b		

(G01.1b)	$\theta_{\text{min}}^{\text{alt}} =$	$\theta_{\text{min}}^{\text{az}} =$	Marks (2.0)
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(G01.2)	Galactic Longitude	Azimuth (°)	Altitude (°)	V_{corr} (km s ⁻¹)	Time	Marks (25.0)
	30°					
	40°					
	50°					
	60°					
	70°					

(G01.3)	Calibration Measurement	Azimuth (°)	Altitude (°)	Time	Marks (14.0)
	Ground				
	Sky				

(G01.4)	Files corresponding to this subtask will be automatically saved in your group directory.	Marks (7.0)
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Final answers

(G01.5a)

Galactic Longitude	f_{obs} (MHz)
30°	
40°	
50°	
60°	
70°	

Marks (19.0)

(G01.5b)

Galactic Longitude	$v_{\text{Earth}}^{\text{obs}}(\ell)$ (kms ⁻¹)	$v_{\text{LSR}}^{\text{max}}(\ell)$ (kms ⁻¹)
30°		
40°		
50°		
60°		
70°		

Marks (10.0)

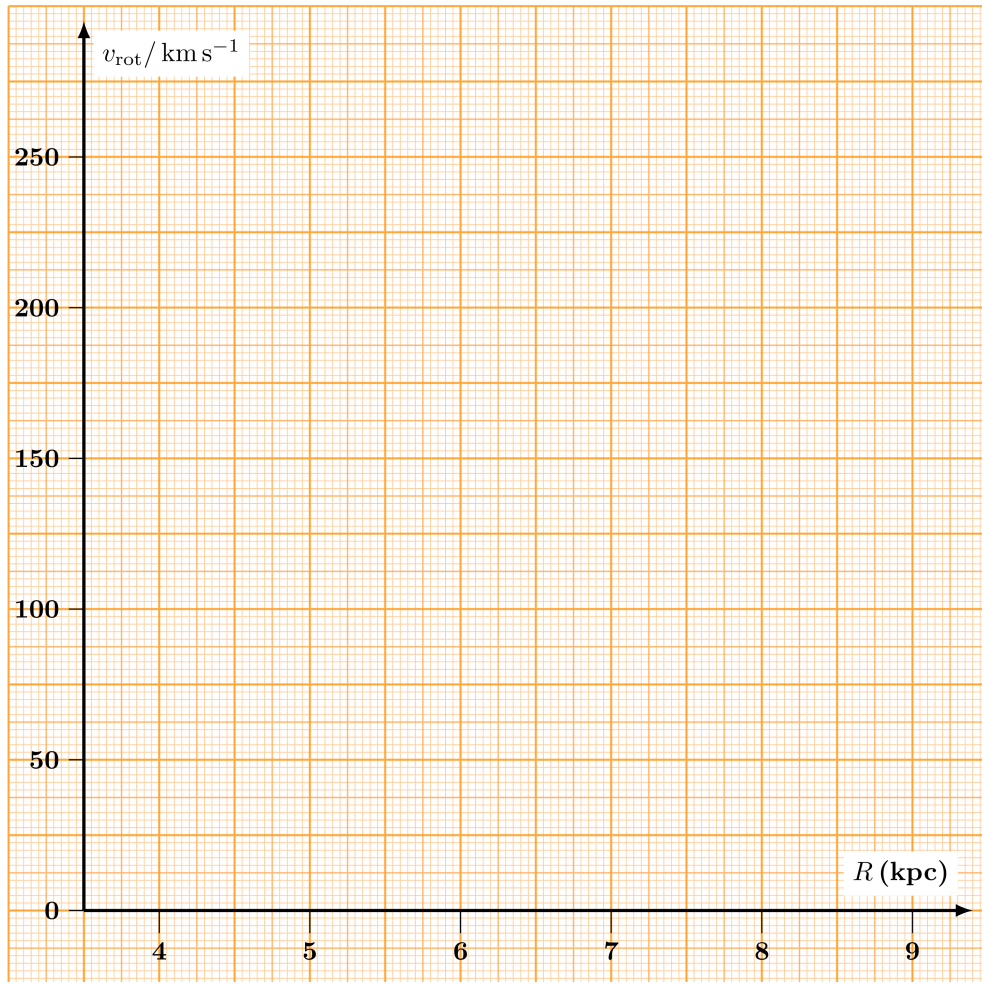
(G01.5c)

Galactic Longitude	$v_{\text{rot}}(R)$ (kms ⁻¹)	Galactocentric radius R (kpc)
30°		
40°		
50°		
60°		
70°		

Marks (10.0)

Final answers

(G01.6)



Marks (6.0)

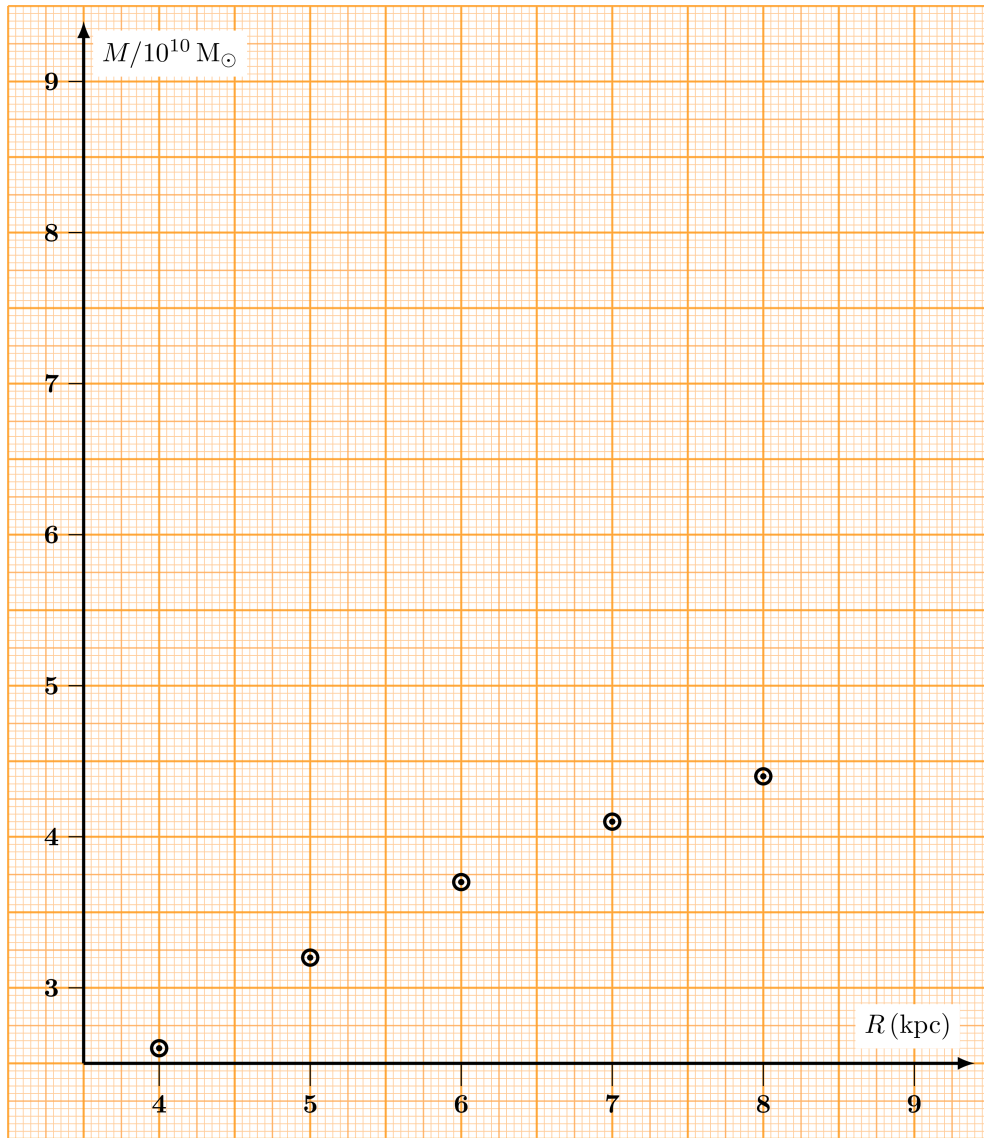
(G01.6a)

Galactocentric Radius R (kpc)	M_{enc} (in $M_{\odot}$)

Marks (10.0)

Final answers

(G01.6b)



Marks (12.0)

(G01.6c)

Galactocentric Radius R (kpc)			M_{dm} (in $M_{\odot}$)

Marks (10.0)



Summary Answersheet

FRONT

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Final answers

(G01.7)	Sensitivity = K	Marks (9.0)
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(G01.8)					Marks (9.0)						
	<table><tr><td>A</td><td></td></tr></table>	A		<table><tr><td>B</td><td></td></tr></table>		B		<table><tr><td>C</td><td></td></tr></table>	C		<table><tr><td>D</td><td></td></tr></table>
A											
B											
C											
D											

Total:

End of Summary Answersheet



Summary Answersheet

BACK

Contestant Code				–		
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