











Complete the following Chart for steel cross-sections shown.  $f_y=350\text{MPa}$ .  
 Ignore Buckling. Stay in the Elastic Zone.

Section	Plys	b (mm)	d (mm)	Composite?	Cr (kN)	Mr (kNm)
	1	30	90	N/A		
	2	30	90	No		
	3	30	90	No		
	2	30	90	Yes		
	3	30	90	Yes		
	1	90	30	N/A		
	2	90	30	No		
	3	90	30	No		
	2	90	30	Yes		
	3	90	30	Yes		