

ENGINEERING GRAPHICS AND DESIGN

PAPER 2

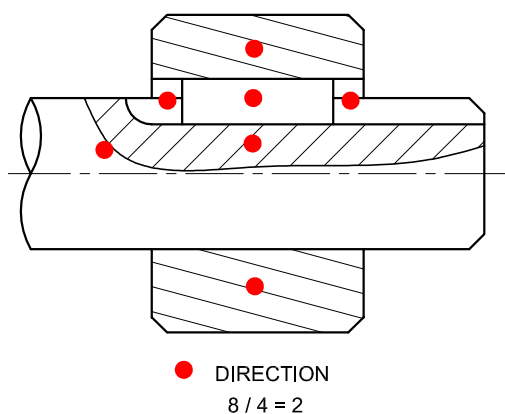
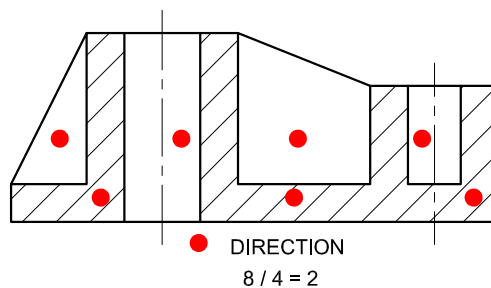
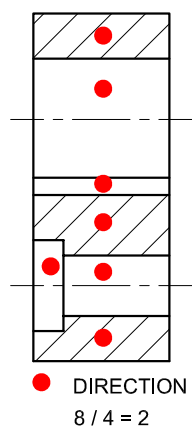
MEMORANDUM

GR 11

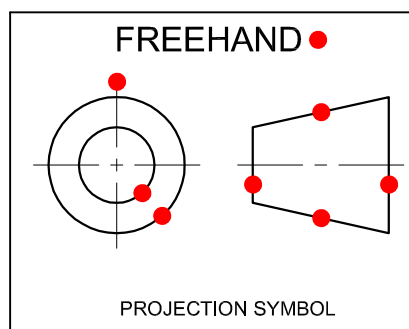
NOVEMBER 2011

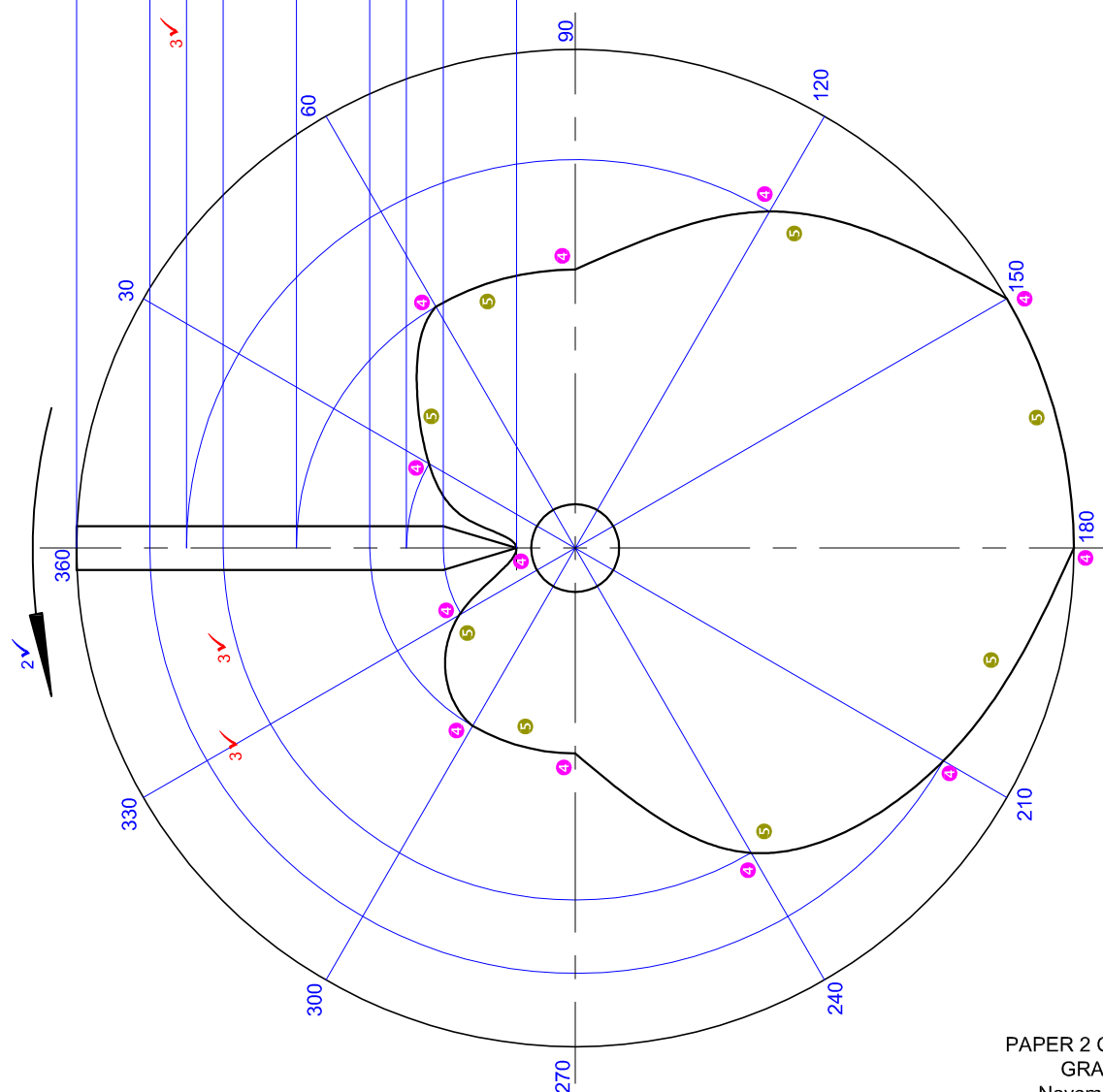


ANSWERS		
1		2
2		2
3		2
4	COUNTERBORE	1
5	S-BREAK, BREAKLINE	1
6	KEY WAY	1
7		4
	TOTAL	13

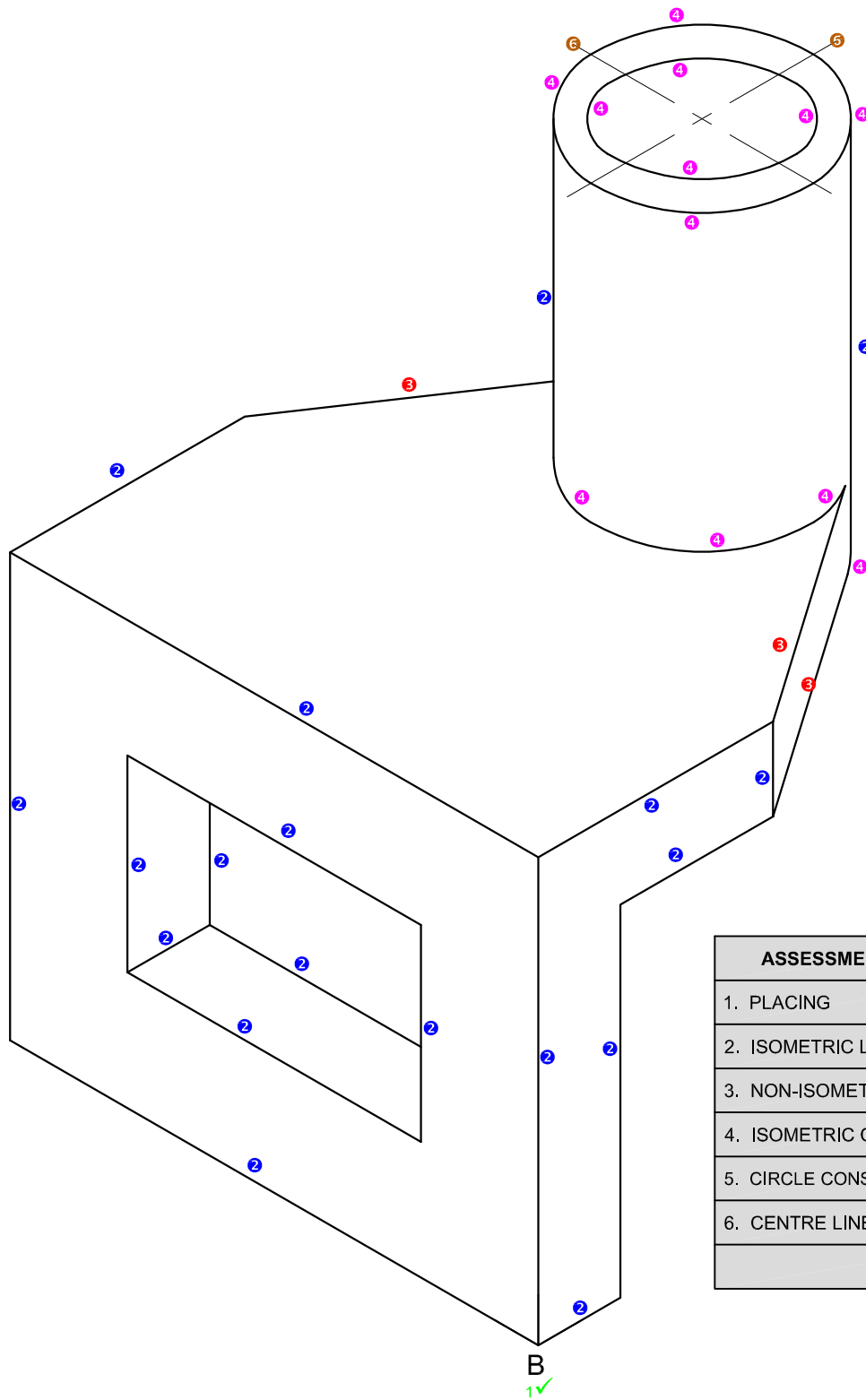


ANSWER 7





ASSESSMENT CRITERIA	
1 GRAPH	9
2 ARROW	1
3 CONSTRUCTION	3
4 CAM POINTS	6
5 CURVE + QUALITY	4
TOTAL	23

**ASSESSMENT CRITERIA**

1. PLACING	1
2. ISOMETRIC LINES	9½
3. NON-ISOMETRIC LINES	1½
4. ISOMETRIC CIRCLES	6
5. CIRCLE CONSTRUCTION	2
6. CENTRE LINES	1
TOTAL	21

PAPER 2 QUESTION 3
GRADE 11
November 2011
MEMORANDUM



ASSESSMENT CRITERIA		
SECTIONAL FRONT VIEW		
1. SHAFT	11½	
2. BUSH	1	
3. BASE	5½	
4. PULLEY	11	
5. M18 NUT	5	
6. CENTRE LINES	1	
7. HATCHING	8	
TOTAL	43	

