

7-17 The TLB Yogurt Company must be able to make 600 party cakes in a 40-hour week. Use the following information to draw and label a precedence diagram, compute cycle time, compute the theoretical minimum number of workstations, balance the assembly line and calculate its efficiency.

Work element	Precedence	Preformance Time (min)
A	-	1
B	A	2
C	B	2
D	A, E	4
E	-	3
F	C, D	4