

Name: _____ **Date:** _____

Chapter 37: Base knowledge worksheet

 Full sentence answers are **not** required: **HL 24 marks, 40 minutes**

- 1 a** Draw a network diagram for project X with EST and LFT clearly shown on each node and the critical path clearly labelled. **(10)**

Order of tasks for project X

Activity	Preceding activities	Duration (in days)
A	–	2
B	A	3
C	A, B	4
D	A, B, C, E, F	5
E	–	8
F	E	9
G	E, F	10
H	D, G	6

- b** Calculate the total float and free float for all non-critical activities. (**Hint:** show all working and formulae used.) (10)

Activity	EST	LFT	Duration (days)	Total float (days)	Free float (days)
A					
B					
C					
D					

- 2** What does total float tell managers? (2)

- 3** What does free float tell managers? (2)