

## **D1 Activity Networks & Precedence Tables** **(Critical Path Analysis)**

### **Precedence Table**

Activity	Depends on
(A) Putting boxer shorts on	
(B) Putting socks on	
(C) Putting T shirt on	
(D) Putting trousers on	
(E) Putting jumper on	
(F) Putting shoes on	
(G) Putting jacket on	
(H) Leaving the house	

*Remember its 'immediate dependency!*

### **Activity network**

*Remember the source and sink nodes and the difference between an event and activity.*

### **Precedence Table**

Activity	Depends on
A	-
B	-
C	A
D	A
E	B,C

*Remember its 'immediate dependency!*

### **Activity network**

*Remember the source and sink nodes and the difference between an event and activity.*

### **Precedence Table**

Activity	Depends on
A	-
B	-
C	-
D	B
E	A
F	A
G	B
H	C,D
I	E
J	E
K	F,G,I
L	H,J,K

*Remember its 'immediate dependency!*

### **Activity network**

*Remember the source and sink nodes and the difference between an event and activity.*

**Precedence Table**

Activity	Depends on
A	-
B	A
C	-
D	A,C

**Use one dummy!****Activity network**

*Remember the source and sink nodes and the difference between an event and activity.*

**Precedence Table**

Activity	Depends on
A	-
B	A
C	A
D	B,C

**Use one dummy!****Activity network**

*Remember the source and sink nodes and the difference between an event and activity.*

**Precedence Table**

Activity	Depends on
A	-
B	-
C	A
D	A,B
E	A,B
F	C,D
G	C,D,E
H	G

**Activity network****Use 2 dummies and state why you used each!**

*Think which activities go to the end (sink node)*

