

Chapter 14

Exercise 14A

1 a, b Suggest there's missing task in question – pass practical.

Task	Activity	Preceded by
A	Find driving instructor.	
B	Apply Prov license	
C	Hold Prov license	B
D	Driving lessons	A, B, C
E	Learn theory	
F	Book theory	E
G	Pass theory	E, F
H	Book practical	A, B, C, D, E, F, G
I	Pass practical	A, B, C, D, E, F, G, H
J	Apply full license	A, B, C, D, E, F, G, H, I

c 10

d A & B & E

2 a

Task	Activity	Preceded by
A	Shower	
B	Find uniform	
C	Dress	A, B
D	Breakfast	
E	Phone	
F	PE kit	
G	Make packed lunch	
H	Pack bag	F, G
I	Clean shoes	

b Brush teeth

c F, B, I

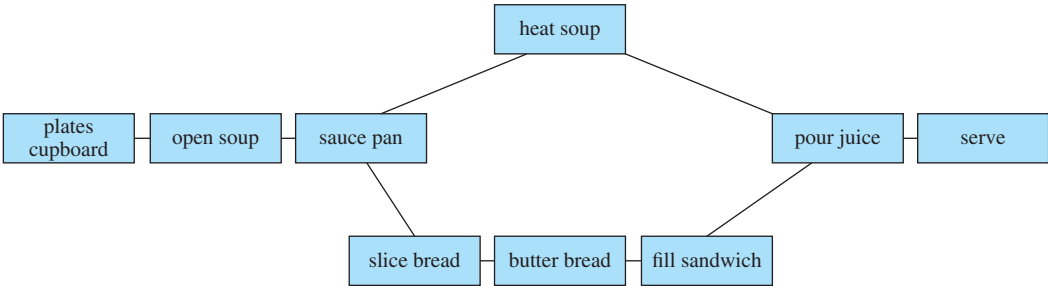
d Less panic.

e no.

3 a

Order of activities	Simultaneous activities
Initial visit	
Mail quote	
Order fixings	Order scaffolding
Check weather	Arrange time
Load van	
Fix snags	
Send invoice	

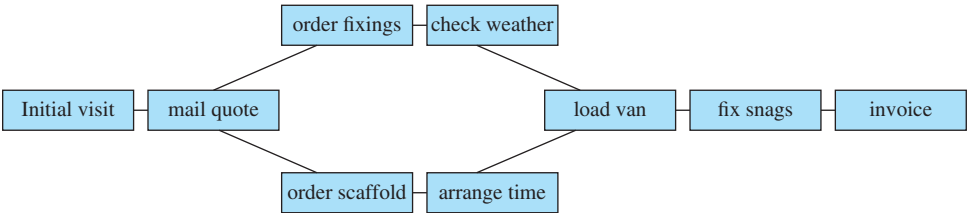
b



4 a

Task	Description	Preceding task	Time
A	Plates cupboard		3
B	Open soup		3
C	Slice bread		3
D	Sauce pan	B	2
E	Heat soup	B, D	5
F	Butter bread	C	3
G	Fill sandwich	C, F	4
H	Pour juice	A	1
I	serve	A, B, C, D, E, F, G, H	3

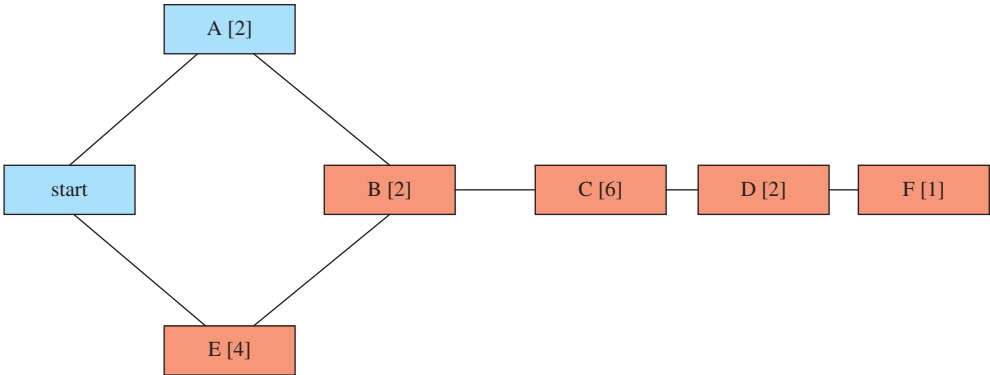
b



c $3 + 3 + 2 + 3 + 3 + 4 + 1 + 3 = 22$ min

5 a Assemble new furniture and clear old carpet and old furniture from room.

b



c $4 + 2 + 6 + 2 + 1 = 15$ hours.

6 Washing dishes, clothes wash

a 11:16

b 114 minutes

7 a, b

Task	Description	Preceding	Time(min)
A	Sort likes/ dislikes		20
B	Wash wanted clothes	A	80
C	Take unwanted to shop	A	60
D	Iron wanted clothes	A, B	20
E	Wanted clothes-> wardrobe	A,B,D	20

c Do B and C at same time.

8 a Curry, ice cream.

b

Task	Description	Preceding	Time(min)
A	Assemble ingredients		5
B	Fry onion & paste	A	20
C	Add chicken & cook	A, B	20
D	Boil Rice	A	15
E	Drain rice	A, D	2
F	Serve	A,B,C,D,E	1
G	Eat main course	A,B,C,D,E,F,G	15
H	Open ice cream tub	A	5
I	Serve ice cream	A,H	1

c C & P & H could be done simultaneously.

d Perhaps B and H could be done simultaneously.

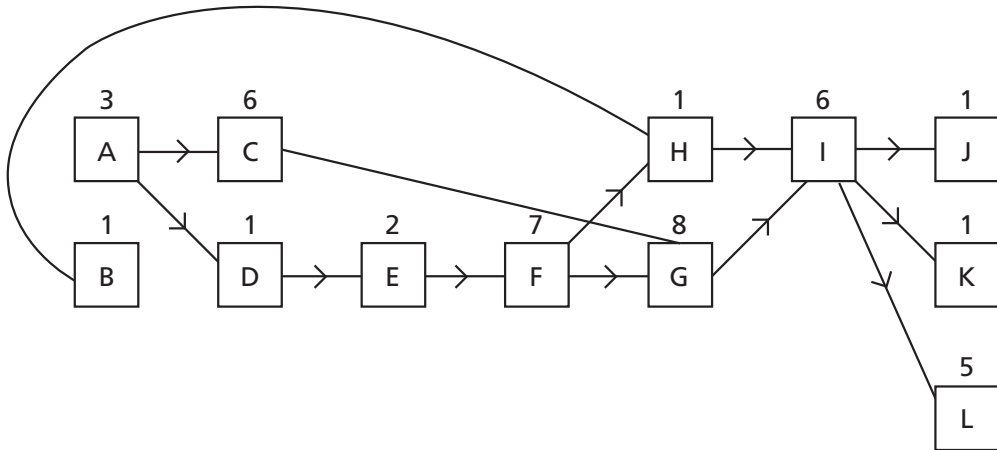
e 7:44pm

9 a and b

Task	Description	Preceding	Time(min)
A	Film Downing Street		20
B	Interview minister	A	15
C	Review career	A, B	25
D	Speak to colleagues	A, B	25
E	Review replacements	A, B	40
F	Prepare film	A,B,C,D	20
G	Edit film	A,B,C,D,E,F	20

c Need reporter to review career, another to speak to colleagues and another to review replacements all at the same time.

10 a



b No. Fastest is 32 hours.
(A, D, E, F, G, I, L)

Activity

Student exercise