



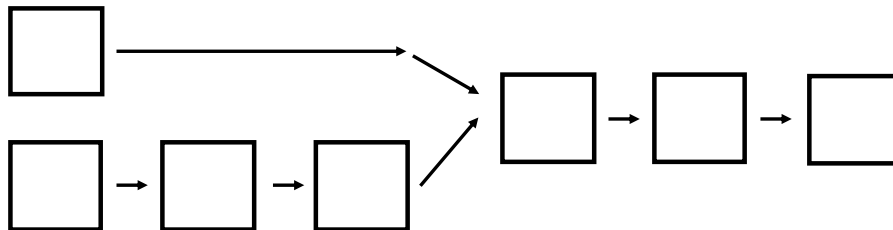
Precedence Tables

1. The Williams family are having a BBQ

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task
A	Season Burgers	none
B	Turn off gas	F
C	Get BBQ out of garage	none
D	Attach gas to BBQ	C
E	Place Burgers on the grill	G,A
F	Take burgers off which when cooked	E
G	Light BBQ	D

Complete the diagram below writing the tasks in the boxes.

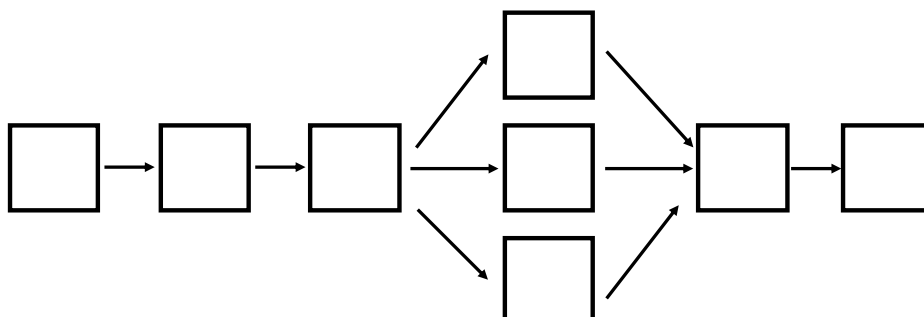


2. Mr and Mrs Gallagher are building a bookcase.

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task
A	Open up the box and remove packaging.	None
B	Assemble top shelf	C
C	Begin assembling the frame of the bookcase	D
D	Check that everything is accounted for.	A
E	Assemble the middle shelves	C
F	Attach all three shelves to the frame	B,E,I
G	Attach back panel	F
H	Assemble bottom shelf	C

Complete the diagram below writing the tasks in the boxes.

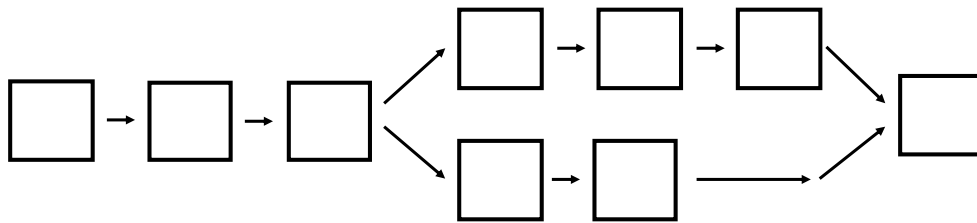


3. Heather has decided to wash her car.

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task
A	Park car in shaded area	none
B	Wax car and finish	G, H
C	Gather cleaning supplies	A
D	Rinse body with a hose	E
E	Wash the body of the car	I
F	Clean wheels of the car	I
G	Dry the top to the bottom of the car	D
H	Rinse the wheels then dry	G
I	Fill two buckets with water	C

Complete the diagram below writing the tasks in the boxes.

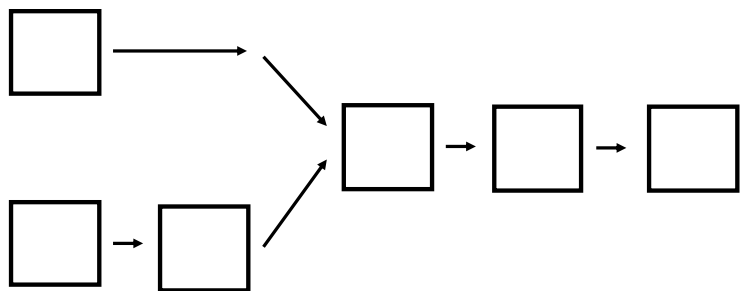


4. James is making Spaghetti

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task	Time (seconds)
A	Boil the kettle	none	120
B	Turn on the hob and cook for several minutes	C	300
C	Add boiling water to the pot	A, F	30
D	Place pasta in a pot	none	10
E	Drain water	B	40
F	Add salt to the pot	D	10

a) Complete the diagram below writing the tasks in the boxes.



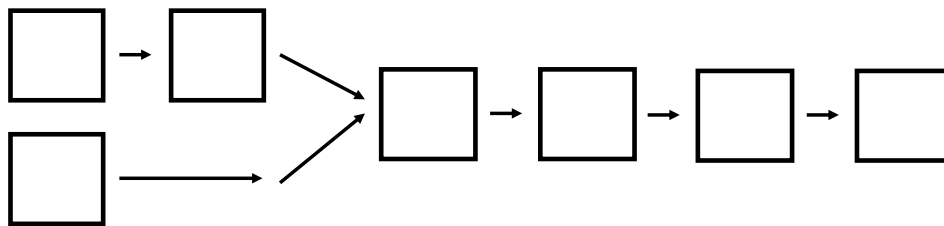
b) State how long it will take for Jamie to make the Spaghetti

5. Karen is making a cup of tea

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task	Time (seconds)
A	Add boiling water to mug	F,G	20
B	Add milk and sugar	H	20
C	Let tea sit for 2 minutes to brew	A	120
D	Get mug out of the cupboard	none	10
E	Stir and Serve	B	15
F	Put teabag into mug	D	5
G	Boil the kettle	none	120
H	Remove teabag	C	5

a) Complete the diagram below writing the tasks in the boxes.



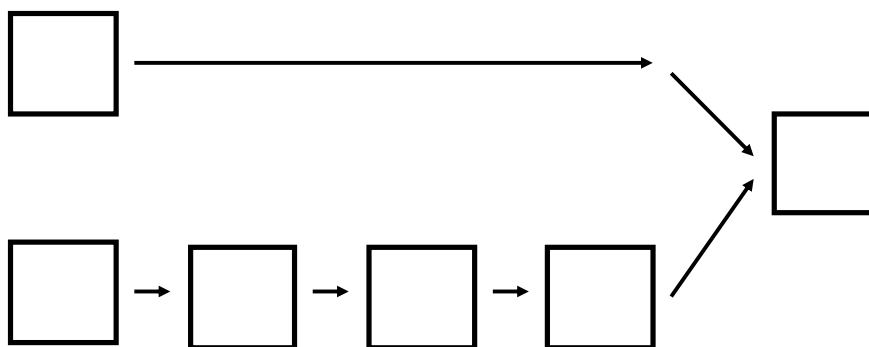
b) State the amount of time it will take Karen to make a cup of tea.

6. Mr and Mrs Roberts are redecorating their living room.

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task	Time (minutes)
A	Place furniture in room	B,D	10
B	Lay the carpet	C	15
C	Hang the wallpaper	F	10
D	Assemble new furniture	none	30
E	Remove the old furniture and carpet	none	5
F	Paint the woodwork	E	10

a) Complete the diagram below writing the tasks in the boxes.



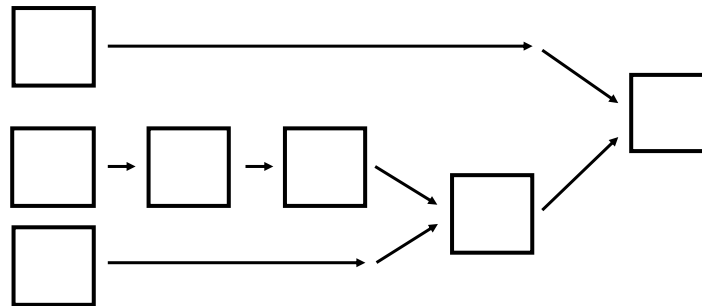
b) State the time it will take for Mr and Mrs Roberts to redecorate their living room.

7. Jason is baking a cake.

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task	Time (seconds)
A	Whisk butter, eggs and sugar together	none	120
B	Add icing to the cupcakes	E,F	30
C	Pour mixture into cupcake tray	D	60
D	Add Vanilla extract	A	10
E	Mix icing sugar and water	none	60
F	Bake for 15 minutes then allow to cool	C, G	1200
G	Preheat the oven	none	600

Complete the diagram below writing the tasks in the boxes.

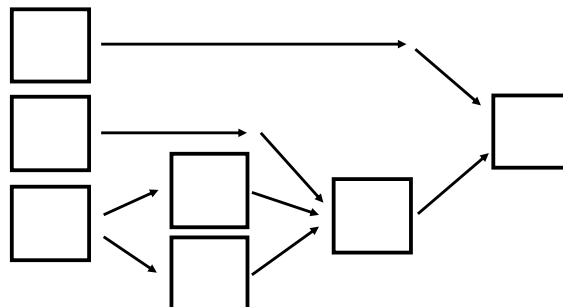


8. Ian is making Pizza

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task	Time (seconds)
A	Bake pizza for 10 minutes	B,F	600
B	Preheat the oven	none	300
C	Make and knead pizza dough	none	150
D	Prepare toppings	none	200
E	Brush dough with olive oil	C	30
F	Cover top of the dough in tomato sauce, cheese and toppings	D,E,G	60
G	Flatten and stretch pizza dough until round	C	180

a) Complete the diagram below writing the tasks in the boxes.



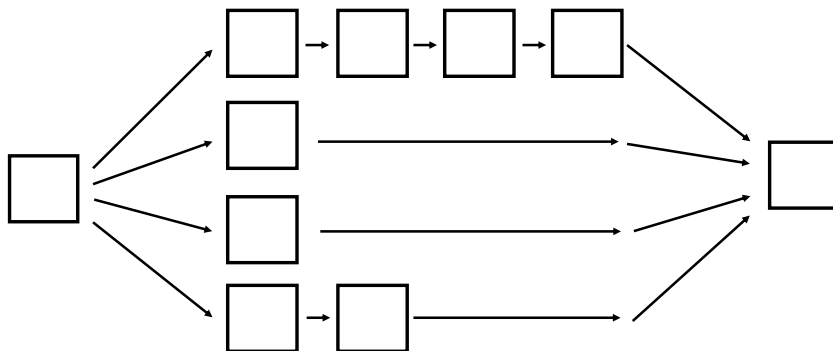
b) State the time it will take Ian to make a Pizza

9. Louise is making a sandwich.

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task
A	Get bread to make sandwich	C
B	Wrap sandwich	E
C	Get lunch box out of the cupboard	None
D	Fill a bottle with water	C
E	Place filling in sandwich	G
F	Place water bottle in lunch box	D
H	Close lunch box	B, F, I, J
G	butter bread	A
I	Put Apple in lunch box	C
J	Put a packet of crisps in lunch box	C

Complete the diagram below writing the tasks in the boxes.

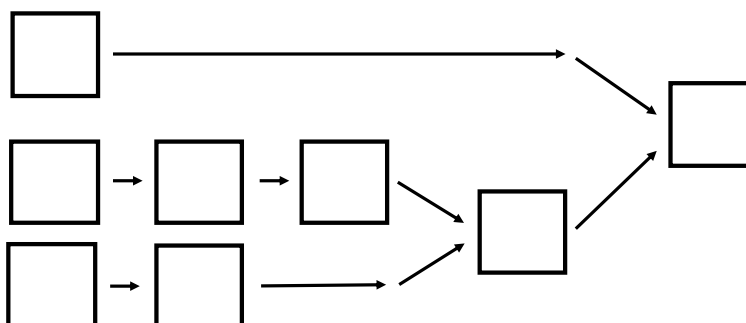


10. Tom and Christina are making burgers

The table below shows the list of tasks and the order they must be completed in.

Task	Summary	Preceded Task	Time (seconds)
A	Make meat into burger patties	B	100
B	Season meat	none	20
C	Make burger sauce	none	100
D	Toast buns	none	120
E	Butter buns	D	30
F	Place cooked patties on tasted buns	I,E	10
G	Put burger sauce, cheese and lettuce on burger	C,F	10
H	Put patties on grill and cook	A	300

a) Complete the diagram below writing the tasks in the boxes.



b) State how long it will take Tom and Christina to make the burgers.