

# Longmire Inn & Conference Center



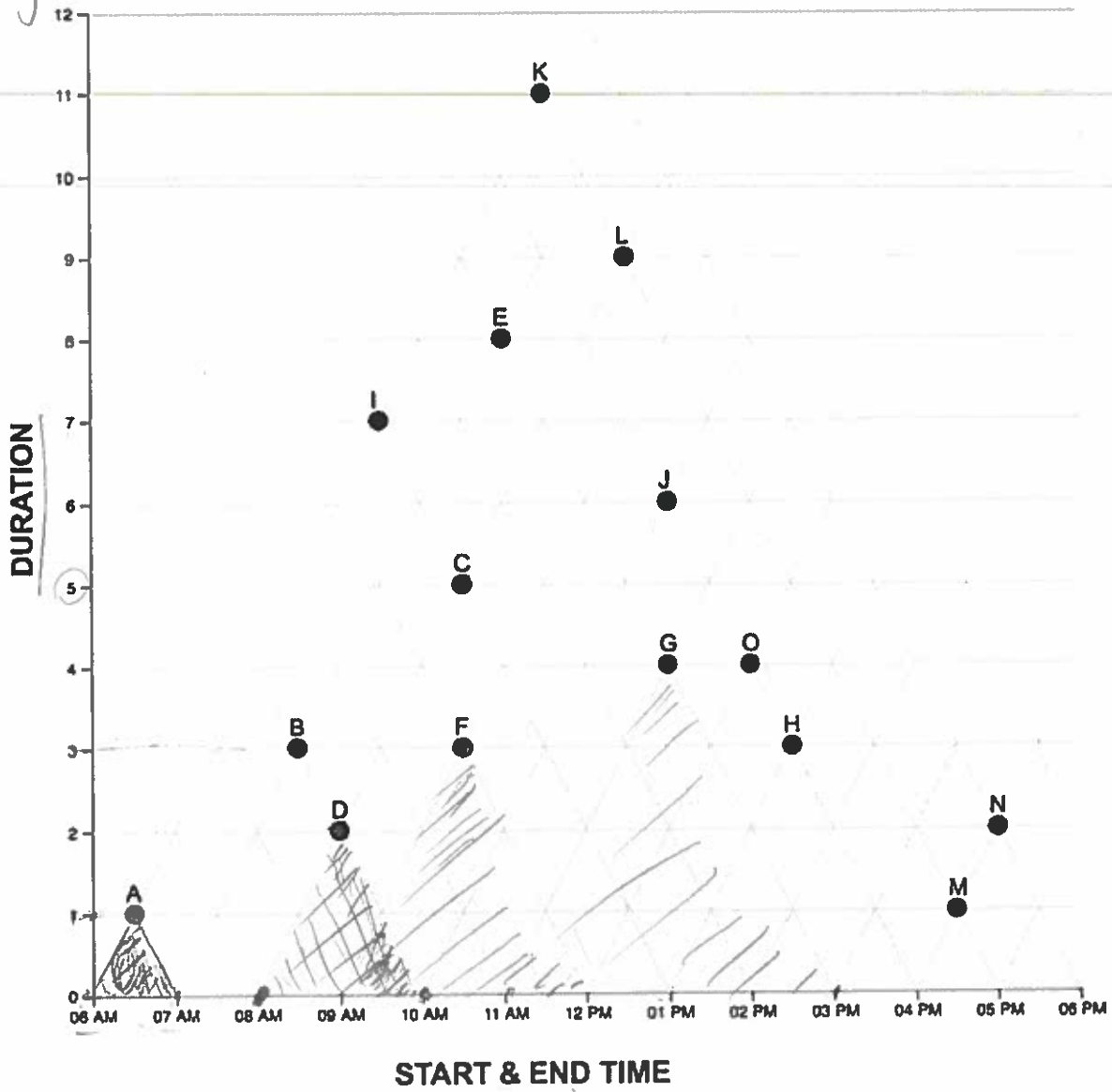
Teresa is the Manager of Event Operations for the Longmire Inn & Conference Center. The property has meeting rooms and event spaces that can be reserved for conferences and parties. Tomorrow is a busy day for Teresa because every conference room is reserved at some point during the day.

Help Teresa review the event schedule so she can organize her staff.

QUESTION	ANSWER
Which room reservations start at 8:00 AM?	B D
Which room reservations end after 3:00 PM?	J O H K L M N
Which rooms are reserved for 4 hours?	G O
Guests in the room J have requested a snack break midway through their event. At what time do the staff need to have the snacks ready?	1 PM
What is the earliest reservation that does not overlap with F?	O
Events in the morning (end at noon or earlier) that last less than 3 hours are eligible for a discounted rate. Which rooms are eligible?	A D Not included 3 hrs
Which reservations are before N and do not overlap with H?	M
Which reservations do not overlap with D or H?	A M N
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	E
Which 2 rooms are reserved for the same number of hours, and are entirely contained by the time that room J is reserved?	G O
When two or more reservations start at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	10AM, 1PM, 3PM, 4PM, 5
When three or more reservations END at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	
Teresa's event manager Liam is personally attending to the reservation in conference room E for a high priority client. Which reservations can Liam not set up while he is attending to room E?	
The company reserving conference room F have also reserved a second room. Immediately after they finish with room F, to which room will they relocate?	
Which task starts with D and ends with I?	
Which reservation starts before room J and is one hour shorter?	

Y-axis

# LONGMIRE ROOM RESERVATIONS



X Rocks

\* Purpose : A person wants to make a  
schedule

Guess

1. ~~How long~~ ?
  2. ~~When to start~~ ?
  3. ~~when to End~~ ?
  4. Where is the location ?  
different location
- D, F can't be in a same location

Make sure you know the purpose of  
this graph you gonna read.

Teresa : think schedule.

1. ~~The~~ How long ?
2. When to start ?
3. When to End ?
4. Where location ?

A person need to make a s

# Longmire Inn & Conference Center

D1  
analysis

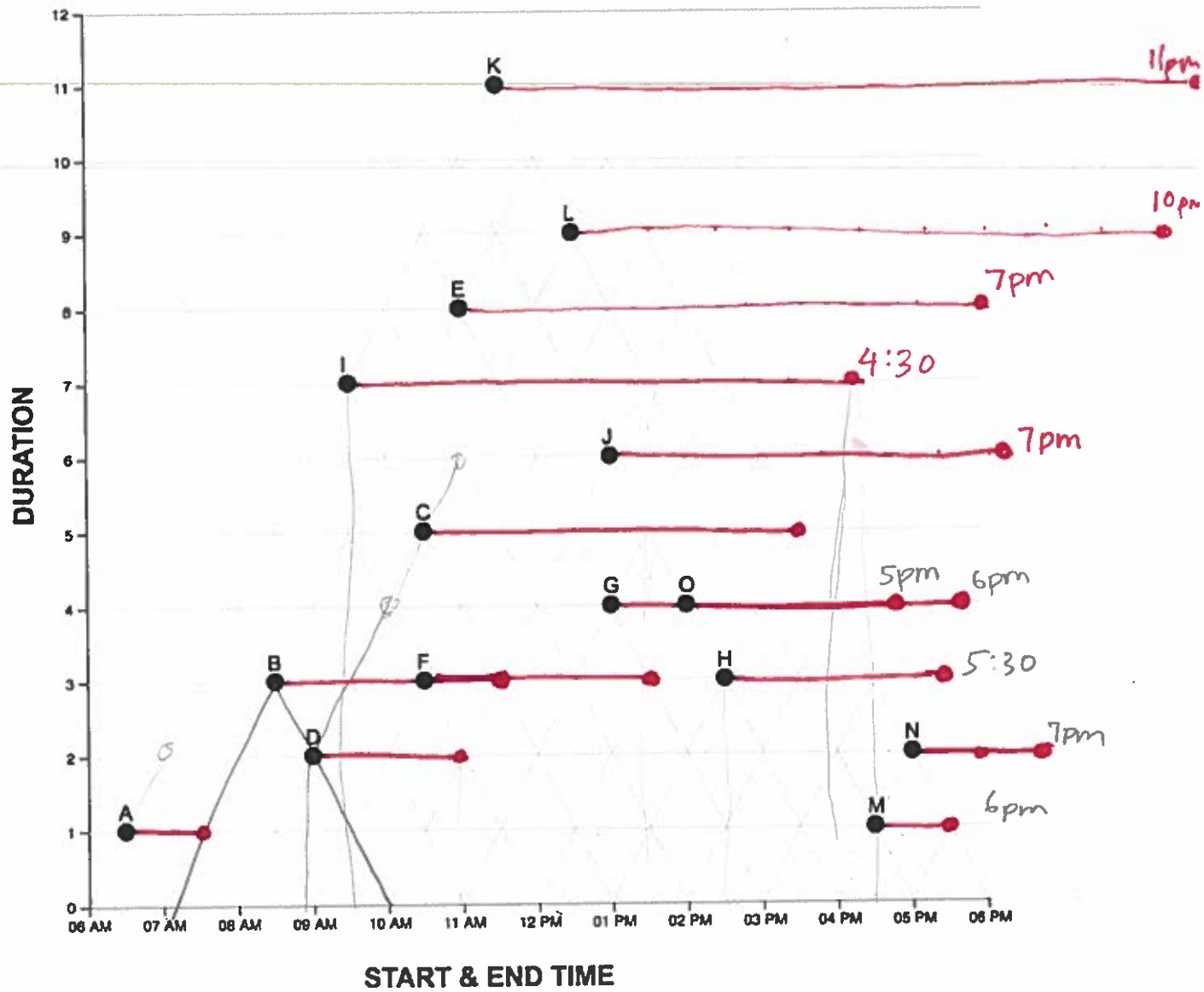


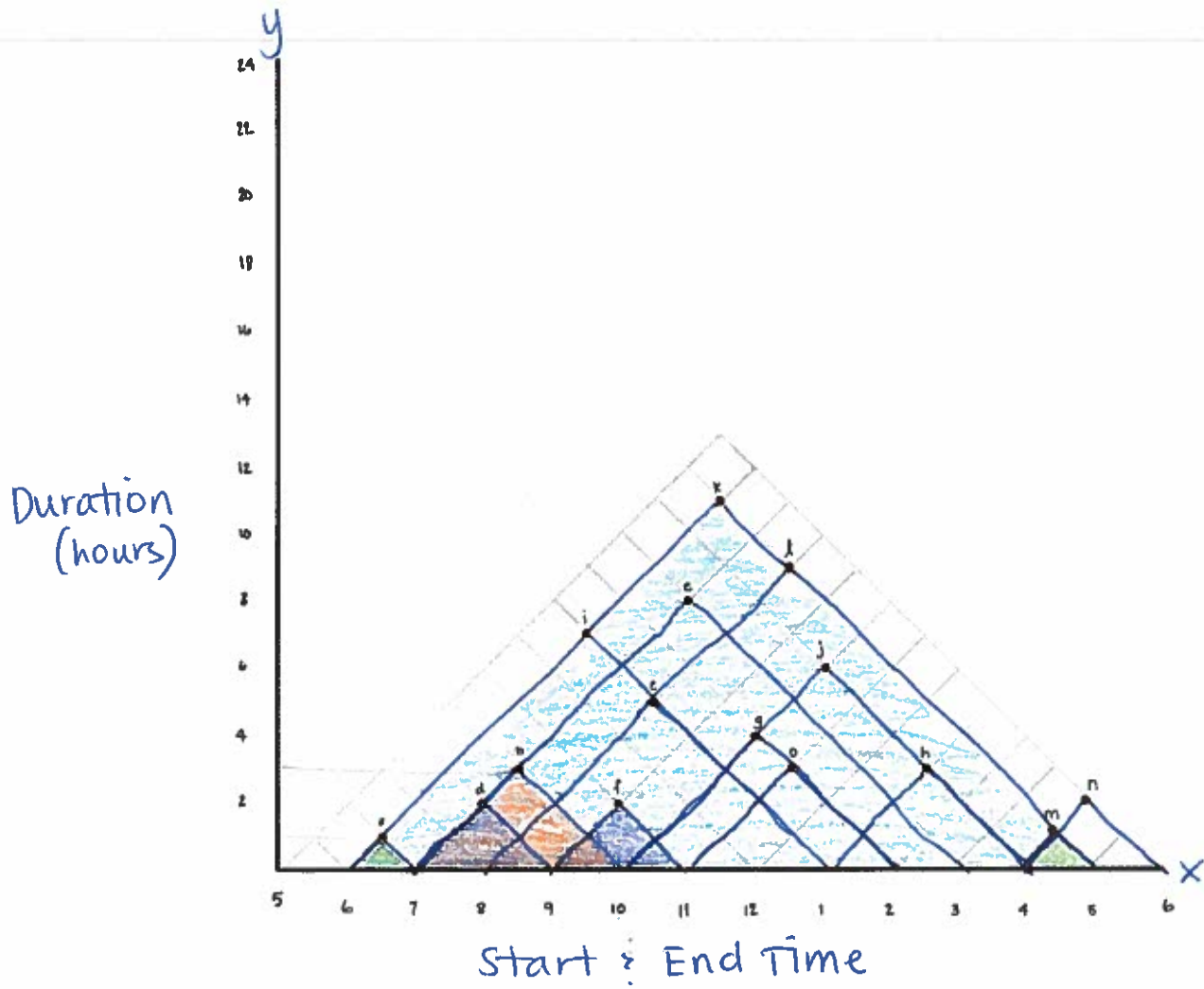
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Help Teresa review the event schedule so she can organize her staff.

QUESTION	ANSWER
Which room reservations start at 8:00 AM?	none
Which room reservations end after 3:00 PM?	H, G, O, C, J, I, E, L, K, N, M
Which rooms are reserved for 4 hours?	G, O
Guests in the room J have requested a snack break midway through their event. At what time do the staff need to have the snacks ready?	4pm
What is the earliest reservation that does not overlap with F?	A
Events in the morning (end at noon or earlier) that last less than 3 hours are eligible for a discounted rate. Which rooms are eligible?	A, D
Which reservations are before N and do not overlap with H?	A, D, B, F
Which reservations do not overlap with D or H?	A
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	<del>H</del> none
Which 2 rooms are reserved for the same number of hours, and are entirely contained by the time that room J is reserved?	G, O
When two or more reservations start at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	F, C, J, G,
When three or more reservations END at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	N, E, J
Teresa's event manager Liam is personally attending to the reservation in conference room E for a high priority client. Which reservations can Liam not set up while he is attending to room E?	K, L, J, G, O, H, N, M
The company reserving conference room F have also reserved a second room. Immediately after they finish with room F, to which room will they relocate?	O
Which task starts with D and ends with I?	none.
Which reservation starts before room J and is one hour shorter?	C

# LONGMIRE ROOM RESERVATIONS





# Axis Hackathon

Jane is the Project Manager for team Axis in a health care hackathon. A hackathon is an event, typically lasting 24 hours, where designers and developers come together to build a product. Jane is responsible for keeping her team on track to finish their ambitious project in only 24 hours. She has compiled a list of tasks and organized them into a schedule. Now she needs to assign the tasks to her team.



Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	G
When does task G end?	7 pm
Jane wants to divide tasks four hours or longer into smaller tasks. Which should she consider subdividing?	L, H, G, A
Jane would like her teammates to check in with her at the midway point (half way through) each of their tasks. What is the first time during the day that two teammates will update Jane at the same time?	11:00 am
Of all the tasks that overlap with H, what is the earliest start time?	E
All of the tasks that last two hours involve testing prototypes. When does the second round of prototype testing begin?	10:00 am
Which tasks are performed before N and do not overlap with K?	F, M, A, G, O, H, L
Which tasks do not overlap with I or D?	G, O
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	
Which tasks under four hours are scheduled during the same time span as task L?	
How many times during the day do two tasks start at the same time?	
What tasks are scheduled to end at 4PM?	F
Which task(s) takes place entirely during task G?	N, O
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	
Which task starts with F and ends with O?	None
Which task starts sometime after F and is one hour shorter?	



A - 12:30 pm 9 hours  
4-5 hrs

E + G

- 5 pm

I + J

B - ~~12:30 pm~~ 9 am

6-7 pm

C - 12 pm

O, N

D - 8 pm

E - 10:30 + 3.5

4 pm

F - 2 pm

G - 4 pm

H - 3:30 + 2.5

- 6 pm

I - 8:30 + 2.5

- 11:00 am

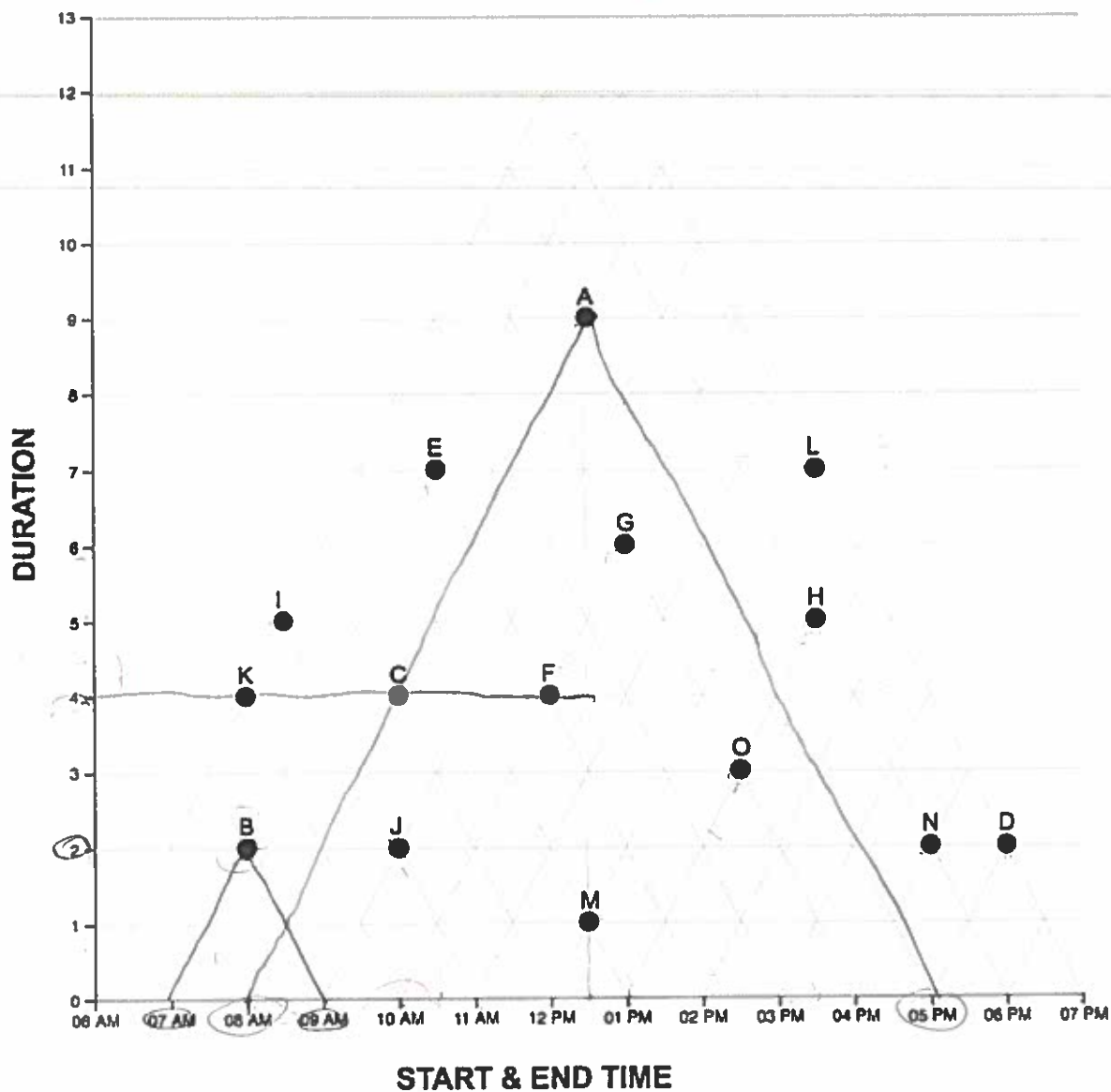
J - 11: am

K - 10: am

L -

M -

## AXIS HACKATHON TASK SCHEDULE



# Axis Hackathon

Jane is the Project Manager for team Axis in a health care hackathon. A hackathon is an event, typically lasting 24 hours, where designers and developers come together to build a product.

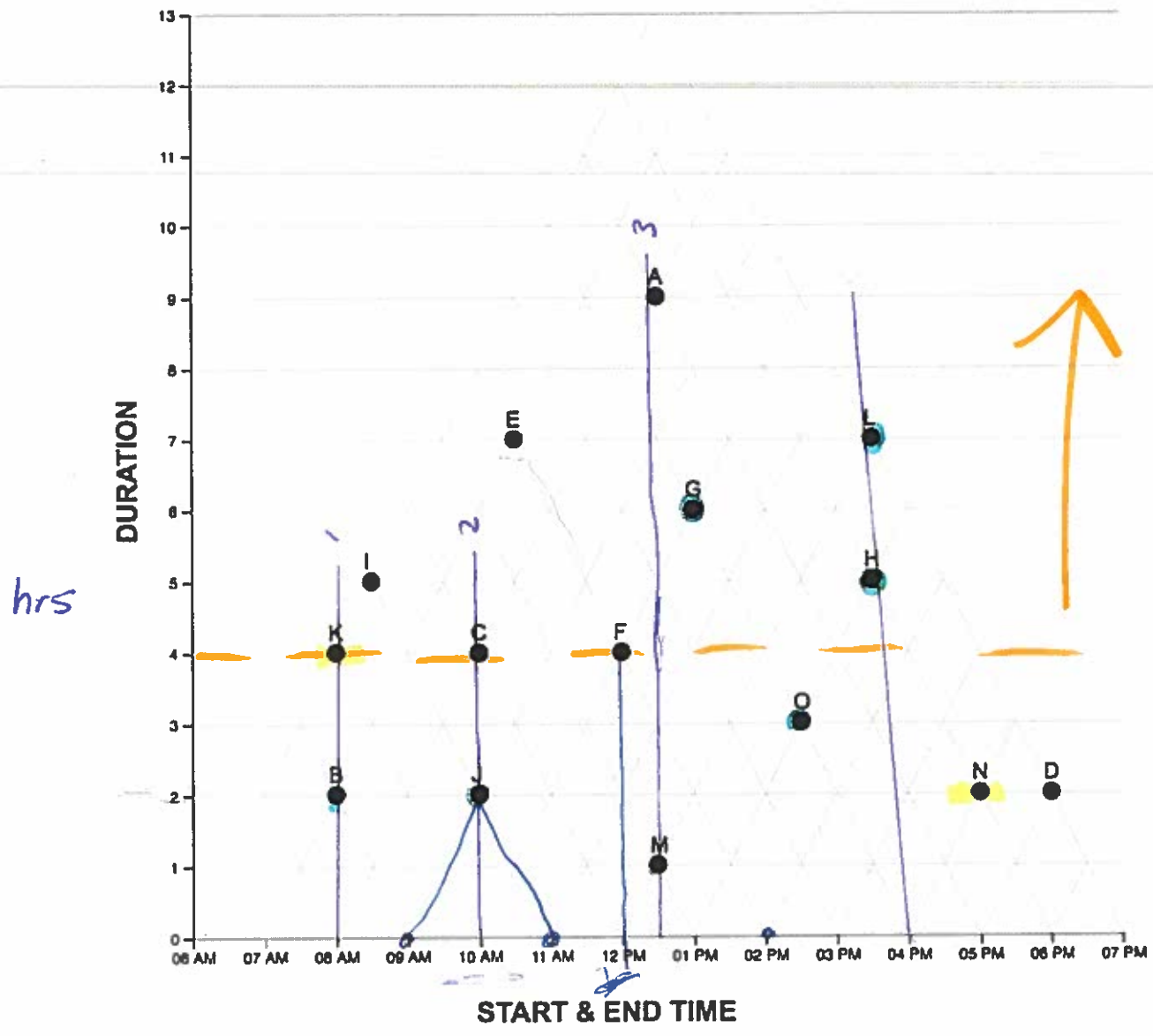
Jane is responsible for keeping her team on track to finish their ambitious project in only 24 hours. She has compiled a list of tasks and organized them into a schedule. Now she needs to assign the tasks to her team.

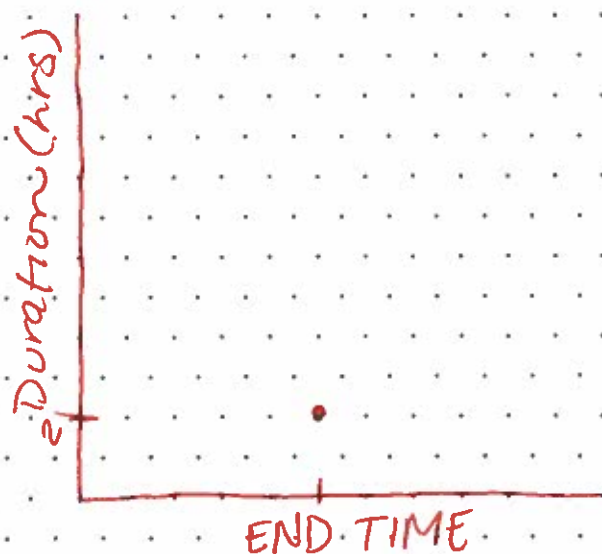


Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	G
When does task G end?	7pm
Jane wants to divide tasks four hours or longer into smaller tasks. Which should she consider subdividing?	A, E, L
Jane would like her teammates to check in with her at the midway point (half way through) each of their tasks. What is the first time during the day that two teammates will update Jane at the same time?	9am
Of all the tasks that overlap with H, what is the earliest start time?	10:30am (E)
All of the tasks that last two hours involve testing prototypes. When does the second round of prototype testing begin?	10am
Which tasks are performed before N and do not overlap with K?	M, O, G, H, L
Which tasks do not overlap with I or D?	L, H, O, N
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	L
Which tasks under four hours are scheduled during the same time span as task L?	O, N, O
How many times during the day do two tasks start at the same time?	3
What tasks are scheduled to end at 4PM?	F
Which task(s) takes place entirely during task G?	O, N
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	F, M
Which task starts with F and ends with O?	None
Which task starts sometime after F and is one hour shorter?	O

AXIS HACKATHON TASK SCHEDULE

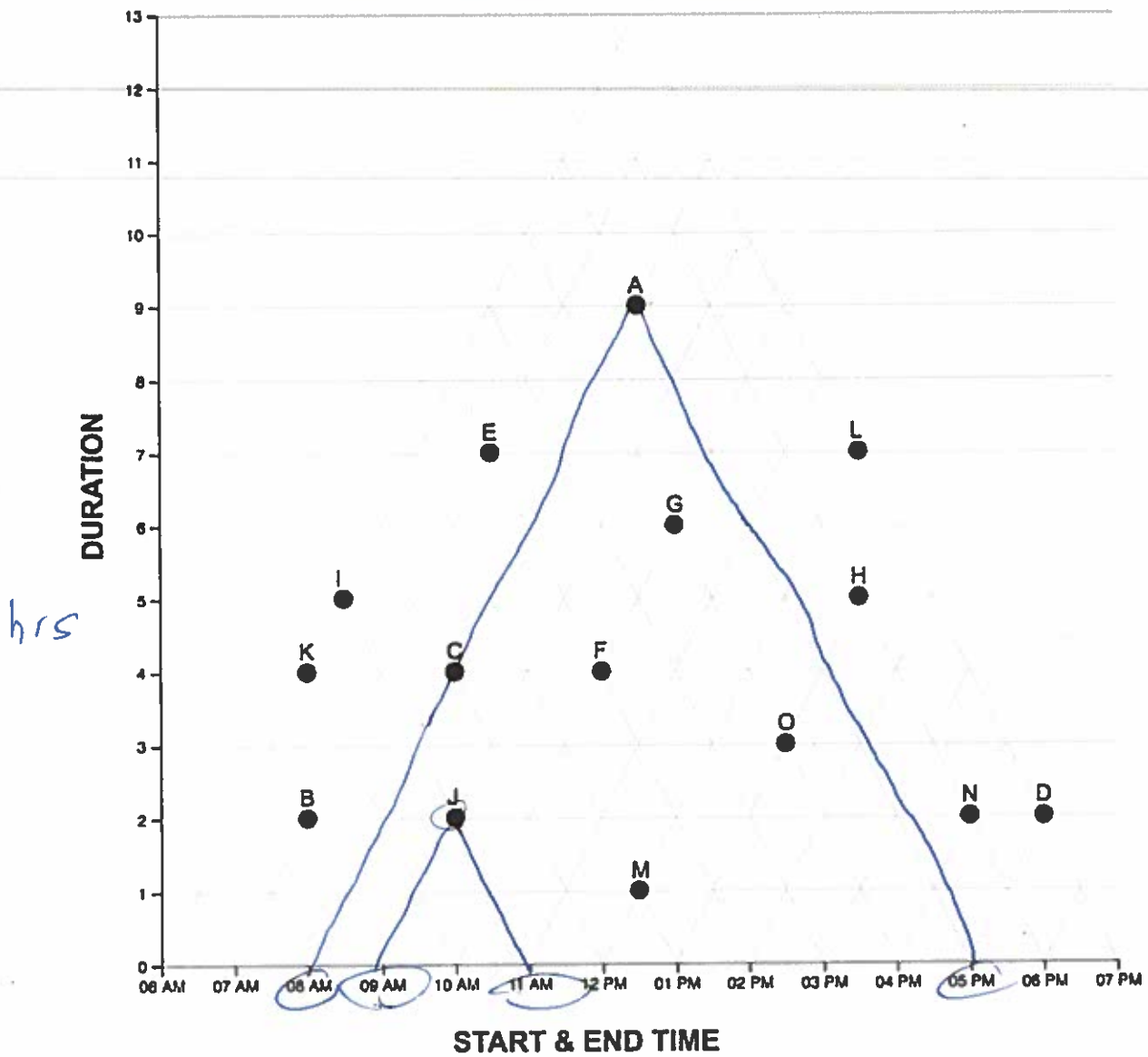




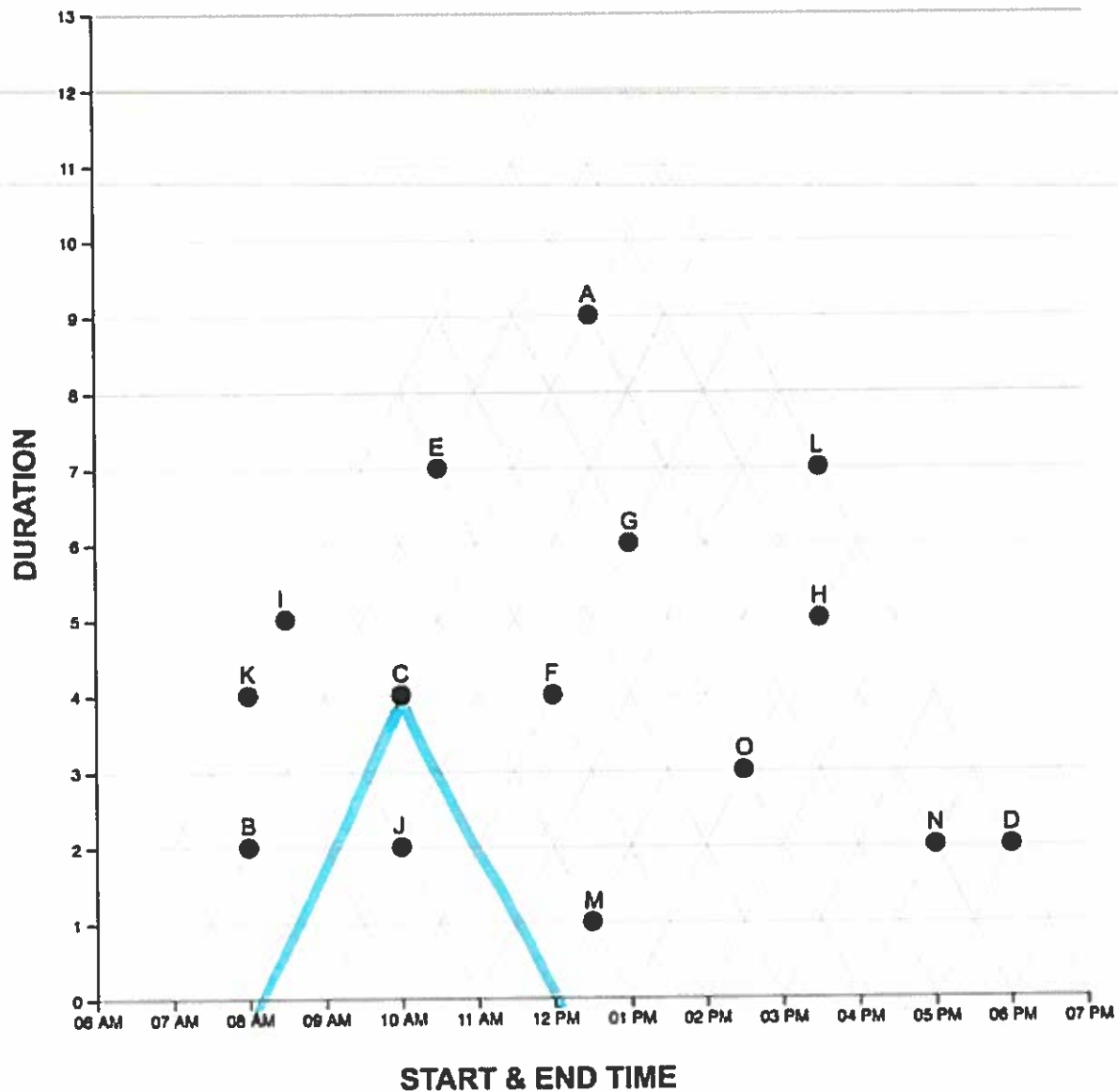
Code: \_\_\_\_\_ Session: \_\_\_\_\_

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# AXIS HACKATHON TASK SCHEDULE



## AXIS HACKATHON TASK SCHEDULE



Find 9am and follow the gridline up to point J.

Looking @ C  
Start = 8am  
End = 12  
height

1) Y and x axis

- values
- hours, time

2) Data point & its relation to x and y axis

3) Trace J

4) Trace A

5) Why is it better?

- easier
- can tell start and end time

duration

Start time



# Axis Hackathon

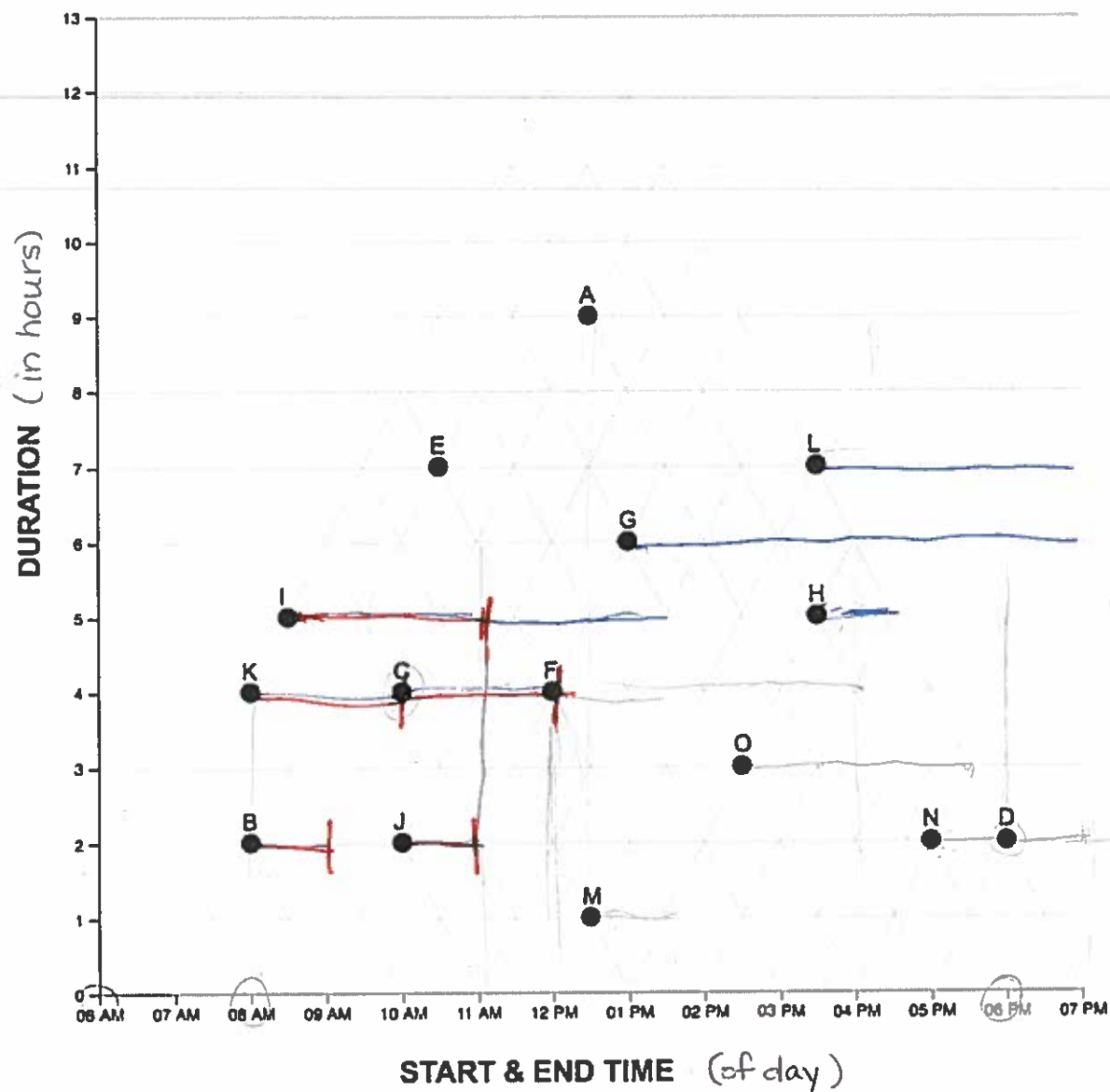
Jane is the Project Manager for team Axis in a health care *hackathon*. A *hackathon* is an event, typically lasting 24 hours, where designers and developers come together to build a product. Jane is responsible for keeping her team on track to finish their ambitious project in only 24 hours. She has compiled a list of tasks and organized them into a schedule. Now she needs to assign the tasks to her team.

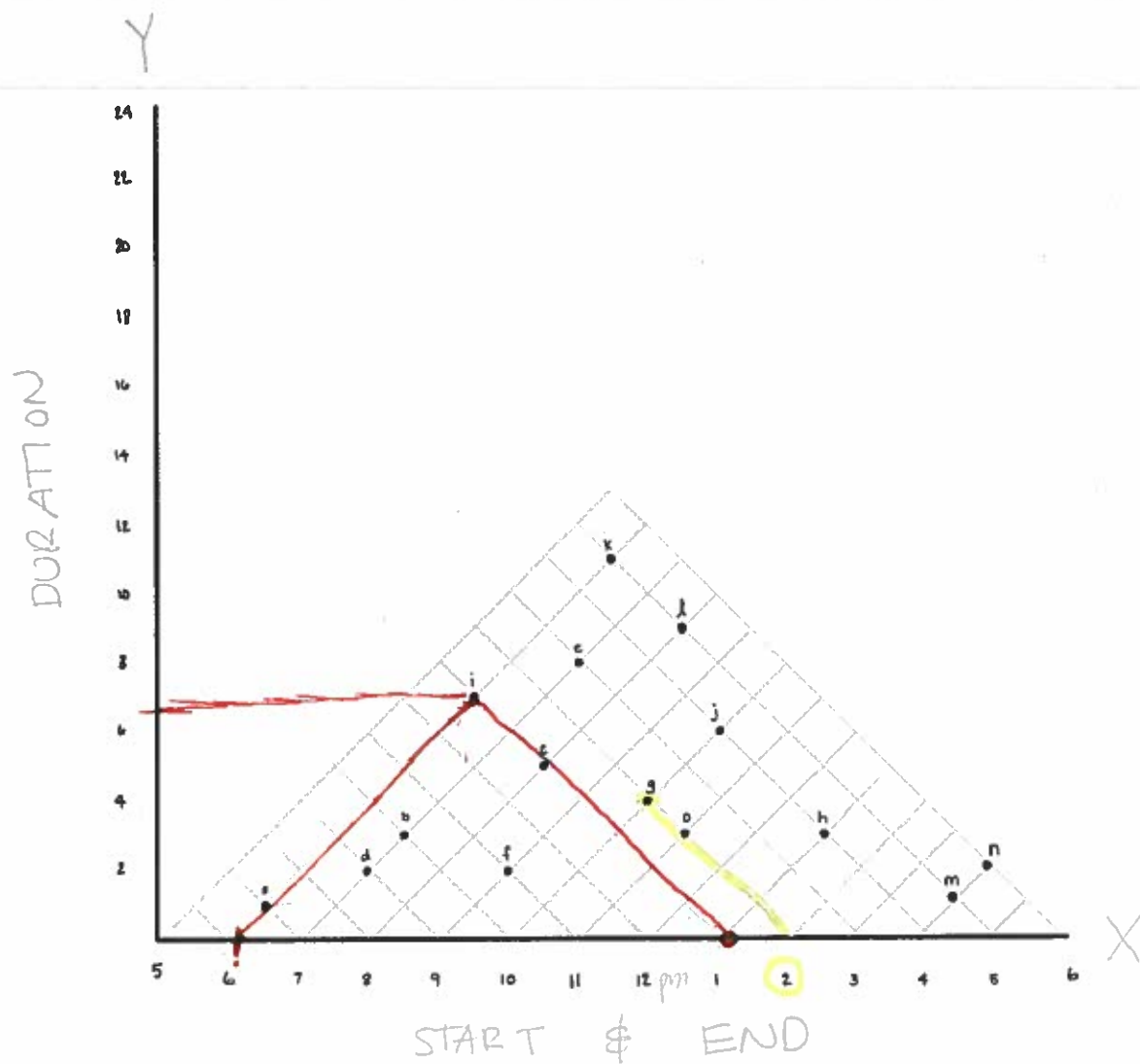


Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	G
When does task G end?	7pm
Jane wants to divide tasks four hours or longer into smaller tasks. Which should she consider subdividing?	K, C, F, I, G, H, L, E, A
Jane would like her teammates to check in with her at the midway point (half way through) each of their tasks. What is the first time during the day that two teammates will update Jane at the same time?	11 am
Of all the tasks that overlap with H, what is the earliest start time?	E 10:30 am
All of the tasks that last two hours involve testing prototypes. When does the second round of prototype testing begin?	10:00 am
Which tasks are performed before N and do not overlap with K?	A, G, M, O, H, L
Which tasks do not overlap with I or D?	L, H, O, N
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	N, L
Which tasks under four hours are scheduled during the same time span as task L?	N, D
How many times during the day do two tasks start at the same time?	4
What tasks are scheduled to end at 4PM?	None
Which task(s) takes place entirely during task G?	O, N
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	F, L
Which task starts with F and ends with O?	None
Which task starts sometime after F and is one hour shorter?	O

## AXIS HACKATHON TASK SCHEDULE





# Longmire Inn & Conference Center

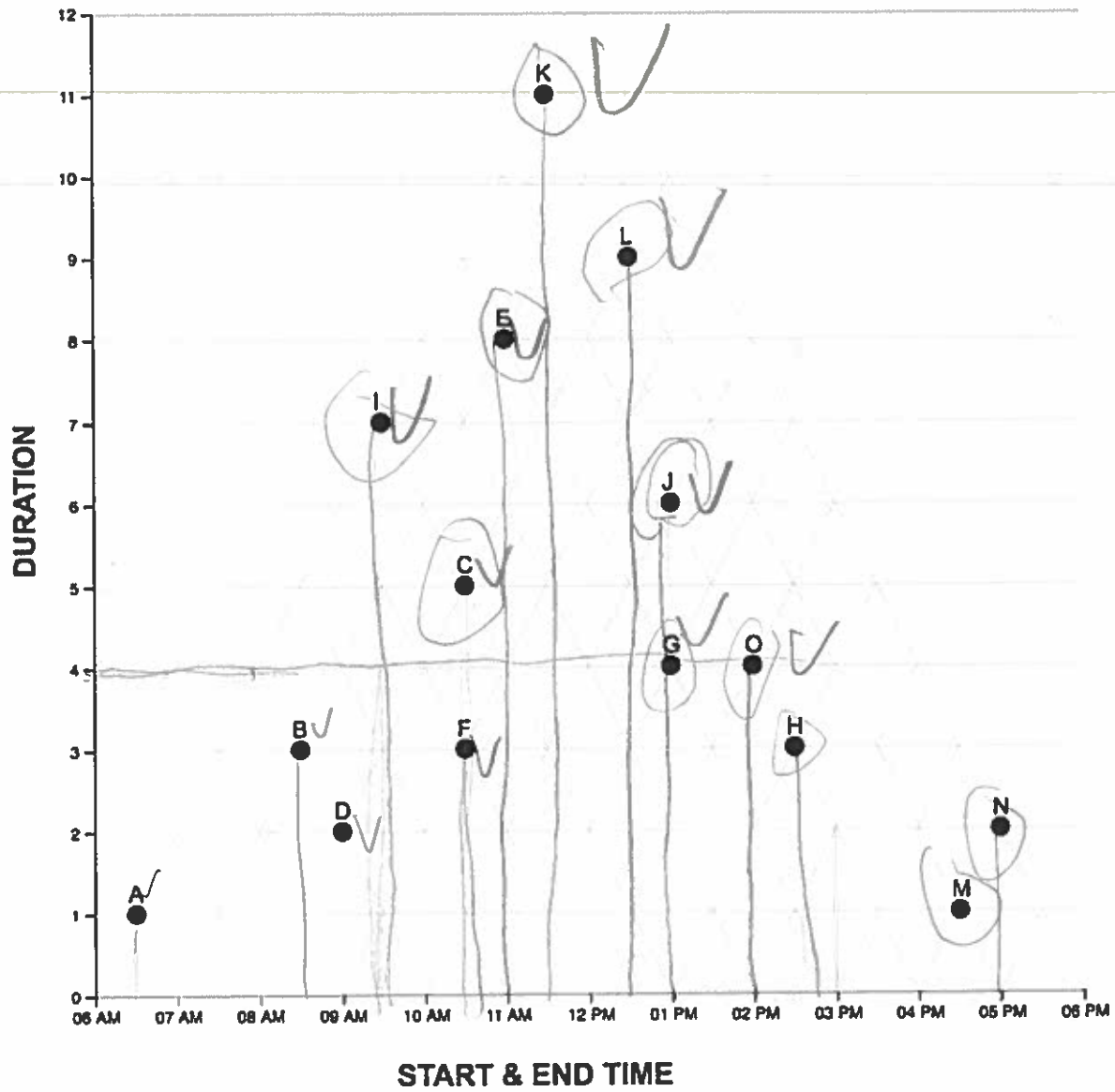


Teresa is the Manager of Event Operations for the Longmire Inn & Conference Center. The property has meeting rooms and event spaces that can be reserved for conferences and parties. Tomorrow is a busy day for Teresa because every conference room is reserved at some point during the day.

Help Teresa review the event schedule so she can organize her staff.

QUESTION	ANSWER
Which room reservations start at 8:00 AM?	None
Which room reservations end after 3:00 PM?	I, C, E, K, L, J, G, A, H, M, N
Which rooms are reserved for 4 hours?	G, O
Guests in the room J have requested a snack break midway through their event. At what time do the staff need to have the snacks ready?	4 PM
What is the earliest reservation that does not overlap with F?	A
Events in the morning (end at noon or earlier) that last less than 3 hours are eligible for a discounted rate. Which rooms are eligible?	A, D
Which reservations are before N and do not overlap with H?	A, B, D, F
Which reservations do not overlap with D or H?	A, N
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	None
Which 2 rooms are reserved for the same number of hours, and are entirely contained by the time that room J is reserved?	None
When two or more reservations start at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	10:30, 1:00, 2:30
When three or more reservations END at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	7:00 PM
Teresa's event manager Liam is personally attending to the reservation in conference room E for a high priority client. Which reservations can Liam not set up while he is attending to room E?	B, K, L, F, C, M, N, J, O, H
The company reserving conference room F have also reserved a second room. Immediately after they finish with room F, to which room will they relocate?	B, A, D, H, M, N
Which task starts with D and ends with I?	
Which reservation starts before room J and is one hour shorter?	L

# LONGMIRE ROOM RESERVATIONS



6:00

7:00

8:00

A

9:00

10:00

11:00

12:00

1:00

2:00

3:00

4:00

5:00

6:00

22:30

9:30

$$\frac{7}{16} = 4$$

B

D

F

C

E

K

L

M

N

J

G

O

H

7:00

200

9:30

# Axis Hackathon

Jane is the Project Manager for team Axis in a health care hackathon. A hackathon is an event, typically lasting 24 hours, where designers and developers come together to build a product.

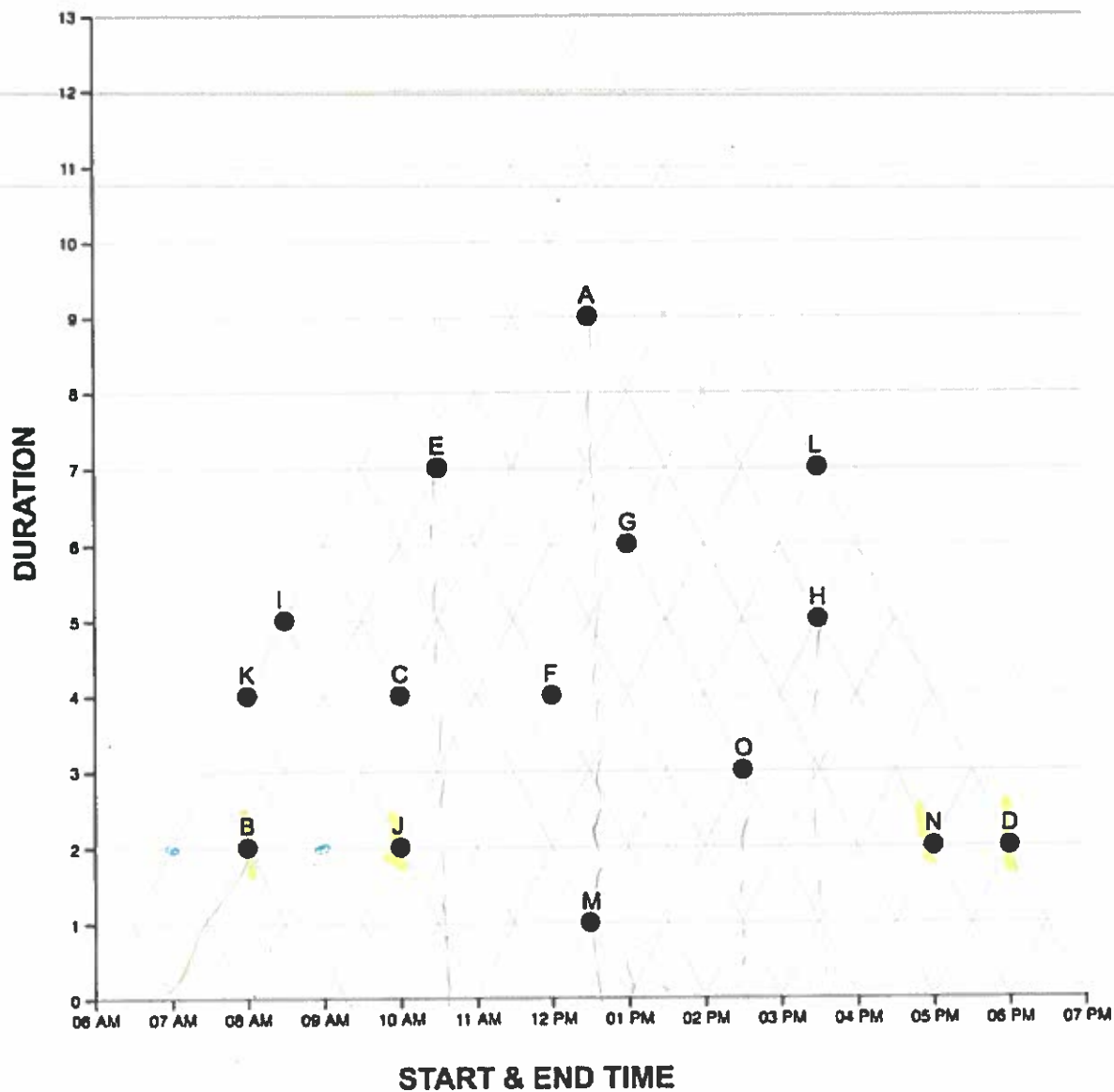
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Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	G
When does task G end?	7pm
Jane wants to divide tasks <u>four hours or longer</u> into <u>smaller tasks</u> . Which should she consider subdividing?	A, H, L
Jane would like her teammates to check in with her at the <u>midway point</u> (half way through) each of their tasks. What is the <u>first time</u> during the day that two teammates will update Jane at the same time?	4pm
Of all the tasks that overlap with H, what is the <u>earliest</u> start time?	10:30 (E)
All of the tasks that last <u>two hours</u> involve testing prototypes. When does the second round of prototype testing begin?	10am
Which tasks are performed before N and do not overlap with K?	F, M, A, G, O, H, L
Which tasks do not overlap with I or D?	A, H, L, N, B, C, E, F, J, K, M
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	A
Which tasks <u>under four hours</u> are scheduled <u>during</u> the same time span as task L?	N, D
How <u>many times</u> during the day do two tasks start at the same time?	4
What tasks are scheduled to <u>end</u> at 4PM?	F
Which task(s) takes place entirely during task G?	A
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	F, M
Which task starts with F and ends with O?	No.
Which task starts sometime after F and is one hour shorter?	O

## AXIS HACKATHON TASK SCHEDULE





>4h. tasks: I. H. G. E. L. A longest.  
 5 5 6 7 7 9

10:30 <sup>54</sup> Analysis

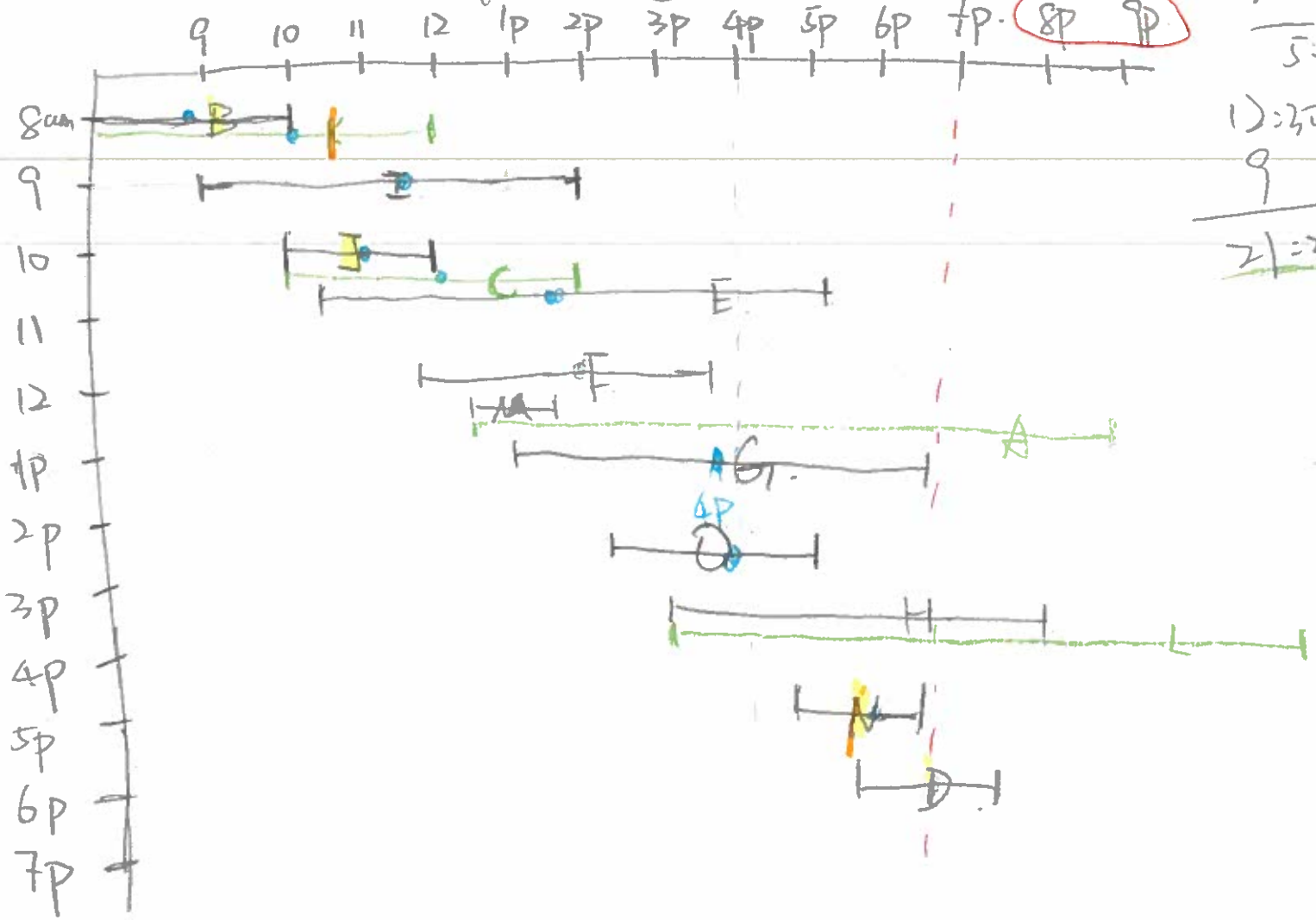
7 = 30

5:30

12:30

9

21:30



K overlap: B. I. J. C. E

I overlap: B. K. J. C. E. F. M. A. G.

not: ~~A.~~ ~~H.~~ ~~L.~~ ~~N.~~ ~~X~~

D overlap: N. L. H. G. A.

not: B. C. ~~X~~ E. F. I. J. K. M. ~~X~~

L: 3:30 - 8:30

# Longmire Inn & Conference Center



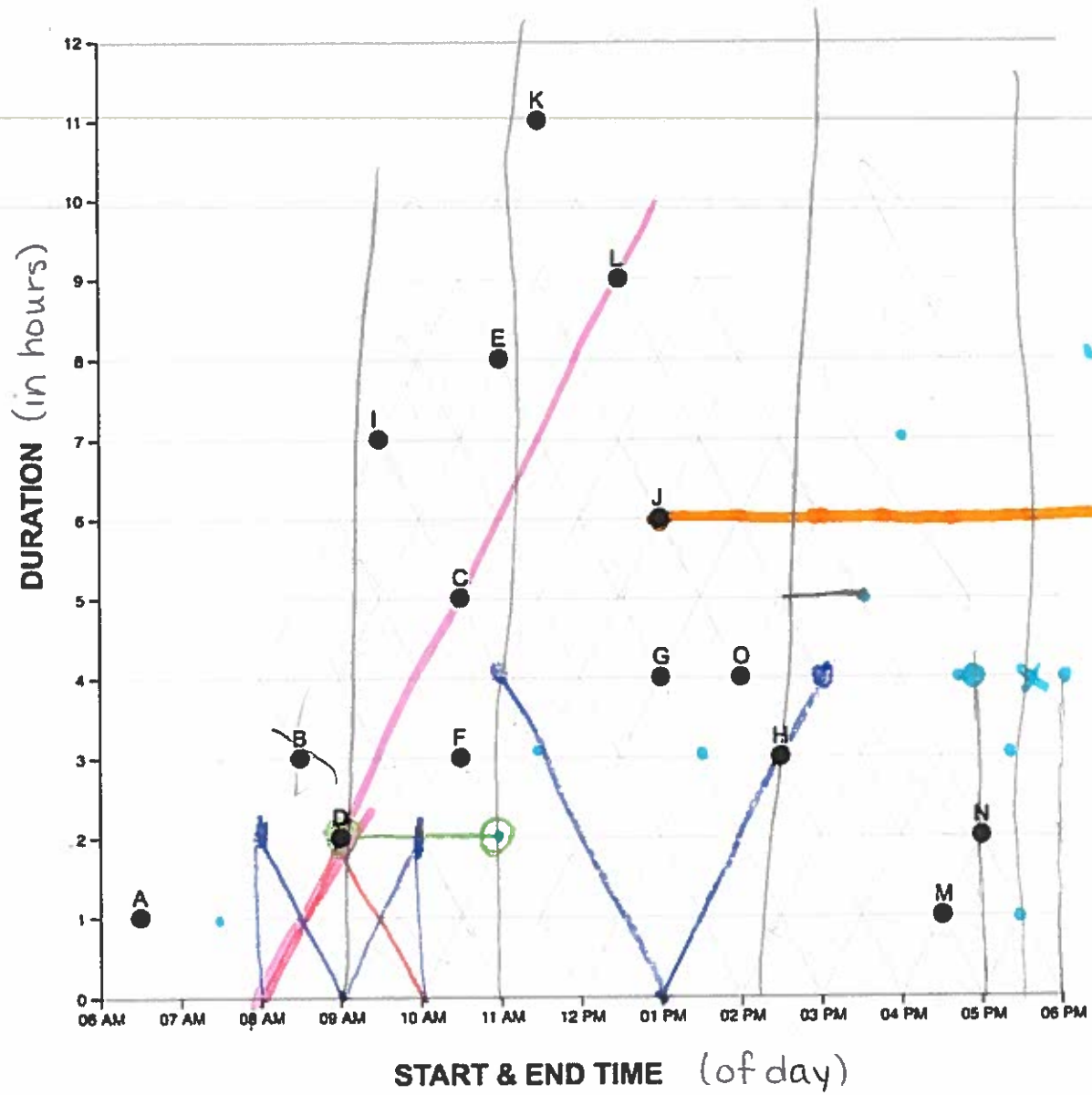
Teresa is the Manager of Event Operations for the Longmire Inn & Conference Center. The property has meeting rooms and event spaces that can be reserved for conferences and parties. Tomorrow is a busy day for Teresa because every conference room is reserved at some point during the day.

*Help Teresa review the event schedule so she can organize her staff.*

QUESTION	ANSWER
Which room reservations start at 8:00 AM?	B
Which room reservations end after 3:00 PM?	H, M, N, O, G, J, L, K, E, I, C
Which rooms are reserved for 4 hours?	G, O
Guests in the room J have requested a snack break midway through their event. At what time do the staff need to have the snacks ready?	4:00 PM
What is the earliest reservation that does not overlap with F?	A
Events in the morning (end at noon or earlier) that last less than 3 hours are eligible for a discounted rate. Which rooms are eligible?	A, B, D, F
Which reservations are before N and do not overlap with H?	A, B, D, F
Which reservations do not overlap with D or H?	A
Which rooms <sup>are</sup> reserved for the whole time that room H is reserved, and also overlaps with room D?	E
Which 2 rooms are reserved for the same number of hours, and are entirely contained by the time that room J is reserved?	G, O
When two or more reservations start at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	10:30 AM, 1:00 PM
When three or more reservations END at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	5:30 PM,
Teresa's event manager Liam is personally attending to the reservation in conference room E for a high priority client. Which reservations can Liam <u>not</u> set up while he is attending to room E?	K, L, J, G, O, H, M, N
The company reserving conference room F have also reserved a second room. Immediately after they finish with room F, to which room will they relocate?	O
Which <u>task</u> starts with D and ends with I?	Preparing room / D.I.
Which reservation starts before room J and is one hour shorter?	C

room

# LONGMIRE ROOM RESERVATIONS



# Axis Hackathon

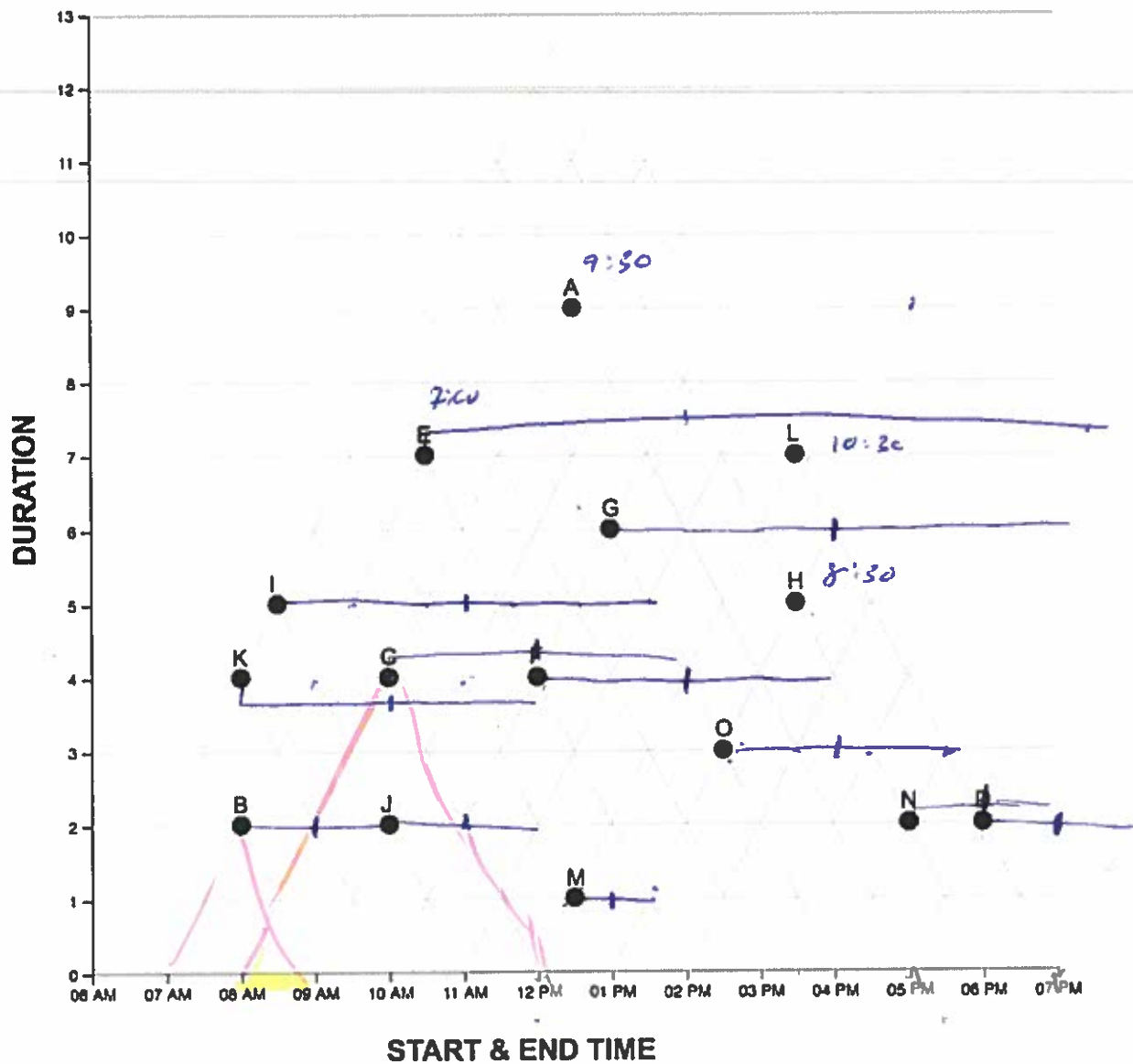
Jane is the Project Manager for team Axis in a health care *hackathon*. A *hackathon* is an event, typically lasting 24 hours, where designers and developers come together to build a product. Jane is responsible for keeping her team on track to finish their ambitious project in only 24 hours. She has compiled a list of tasks and organized them into a schedule. Now she needs to assign the tasks to her team.



Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	G
When does task G end?	7:00 pm
Jane wants to divide tasks four hours or longer into smaller tasks. Which should she consider subdividing?	K, L, F, I, H, G, E, L A.
Jane would like her teammates to check in with her at the midway point (half way through) each of their tasks. What is the first time during the day that two teammates will update Jane at the same time?	6/0, I/J, E/F
Of all the tasks that overlap with H, what is the earliest start time?	E.
All of the tasks that last two hours involve testing prototypes. When does the second round of prototype testing begin?	5:00 pm.
Which tasks are performed before N and do not overlap with K?	M, G, O, HL
Which tasks do not overlap with I or D?	O
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	L
Which tasks under four hours are scheduled during the same time span as task L?	N, D
How many times during the day do two tasks start at the same time?	4
What tasks are scheduled to end at 4PM?	F
Which task(s) takes place entirely during task G?	<del>NO</del> , N
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	M, F
Which task starts with F and ends with O?	NONE.
Which task starts sometime after F and is one hour shorter?	O

## AXIS HACKATHON TASK SCHEDULE



the starting point/time for any event (indicated as a dot) begins at the intersection of the left-most line and that event

# Longmire Inn & Conference Center

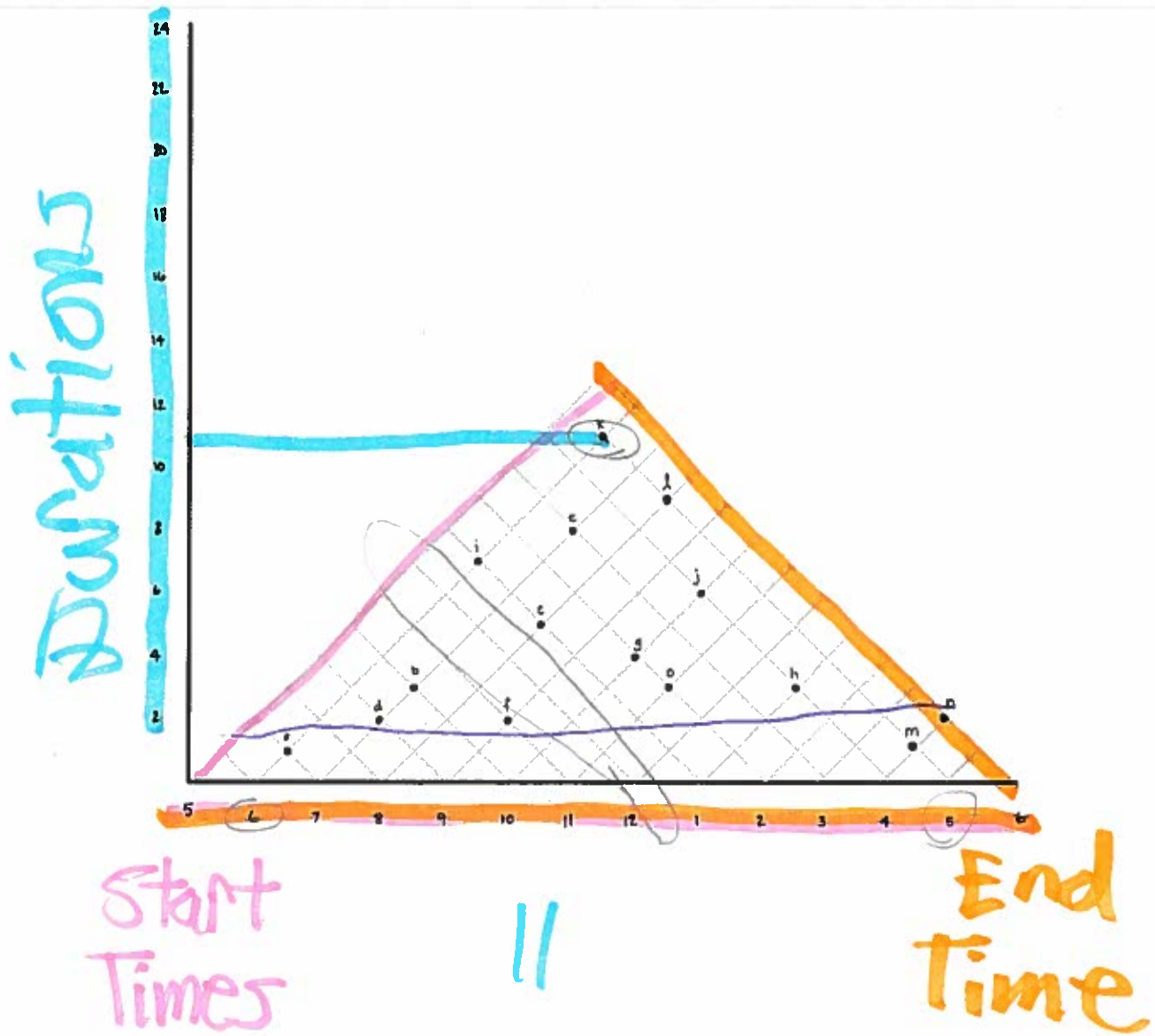


Teresa is the Manager of Event Operations for the Longmire Inn & Conference Center. The property has meeting rooms and event spaces that can be reserved for conferences and parties. Tomorrow is a busy day for Teresa because every conference room is reserved at some point during the day.

Help Teresa review the event schedule so she can organize her staff.

QUESTION	ANSWER
Which room reservations start at 8:00 AM?	D, C, L
Which room reservations end after 3:00 PM?	H, J, K, L, M, N, O
Which rooms are reserved for 4 hours?	G, O
Guests in the room J have requested a snack break midway through their event. At what time do the staff need to have the snacks ready?	1pm
What is the earliest reservation that does not overlap with F?	A
Events in the morning (end at noon or earlier) that last less than 3 hours are eligible for a discounted rate. Which rooms are eligible?	A, B, D
Which reservations are before N and do not overlap with H?	A, B, C, D, F
Which reservations do not overlap with D or H?	A, M, N
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	K, L
Which 2 rooms are reserved for the same number of hours, and are entirely contained by the time that room J is reserved?	B & F
When two or more reservations start at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	A, I, K, B, E, D, C, L, M, N
When three or more reservations END at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	H, J, O, K, L, M
Teresa's event manager Liam is personally attending to the reservation in conference room E for a high priority client. Which reservations can Liam not set up while he is attending to room E?	<del>A, F</del> , D, C, L, F, J, G, O, H
The company reserving conference room F have also reserved a second room. Immediately after they finish with room F, to which room will they relocate?	O
Which <sup>room</sup> <del>task</del> starts with D and ends with I?	C
Which reservation starts before room J and is one hour shorter?	C





<del>10</del>	<del>10</del>	<u>4</u>	<u>5</u>
<del>8</del>		H	k
<del>2</del>		<u>J</u>	L
		O	M

A: 6-7a

B: 7-10a

C: 8a-1p

D: 8a-10a

E: 7a-3p

F: 9a-12p

G: 11a-3p

H: 1p-4p

I: 6a-1p

✓ J: 10a-4p → 1p

• ✓ K: 6a-5p

• ✓ L: 8a-5p

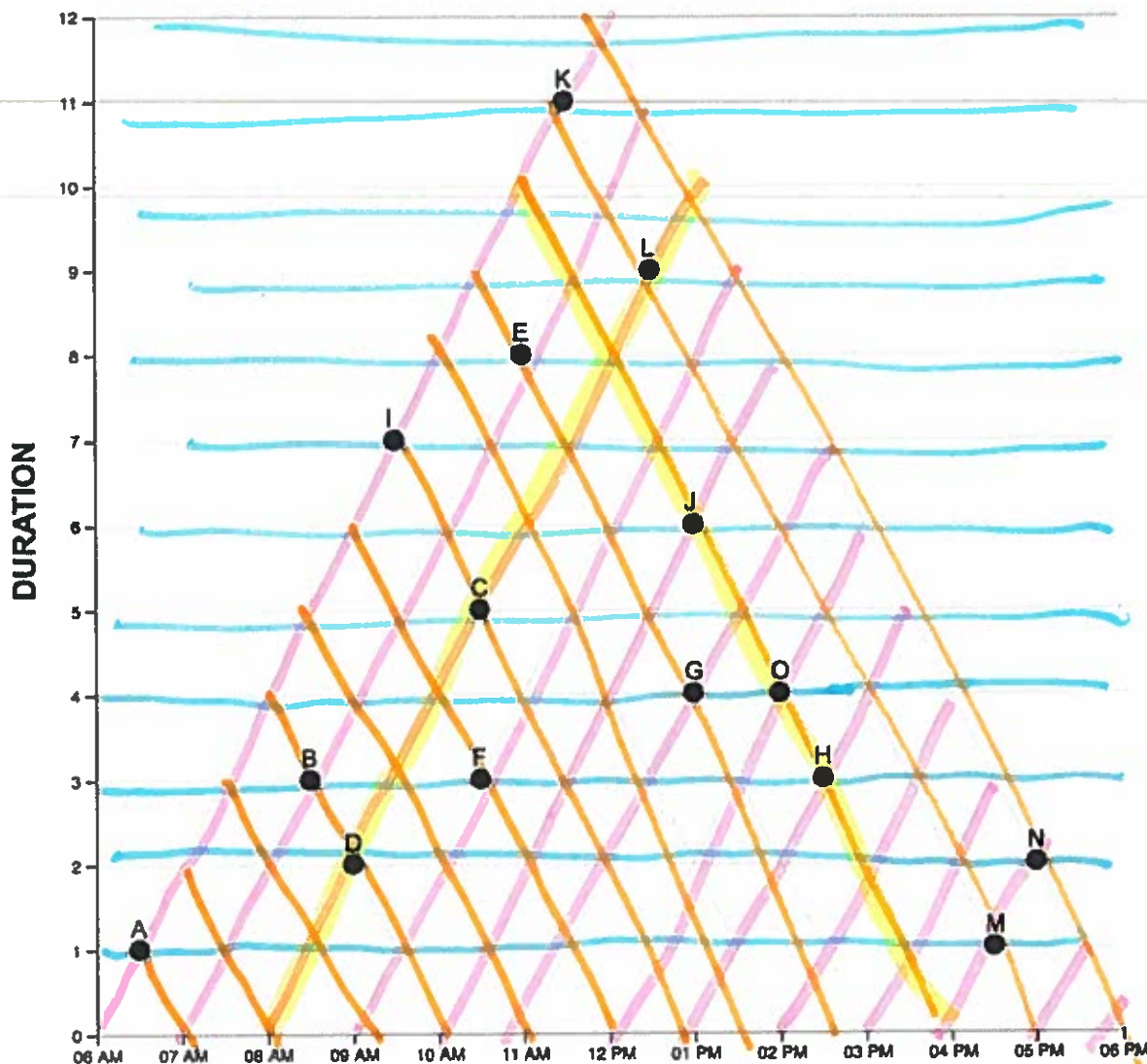
M: 4p-5p

N: 4p-6p

✓ O: 12p-4p



## LONGMIRE ROOM RESERVATIONS



### START & END TIME

Each point, B for example, has 3 gridline intersections. One for the start time going diagonal from bottom Left to top Right (7am), the end time going diagonal from bottom right to top left (10am), and a horizontal duration line.

Start Time  
End Time  
Duration

# Axis Hackathon

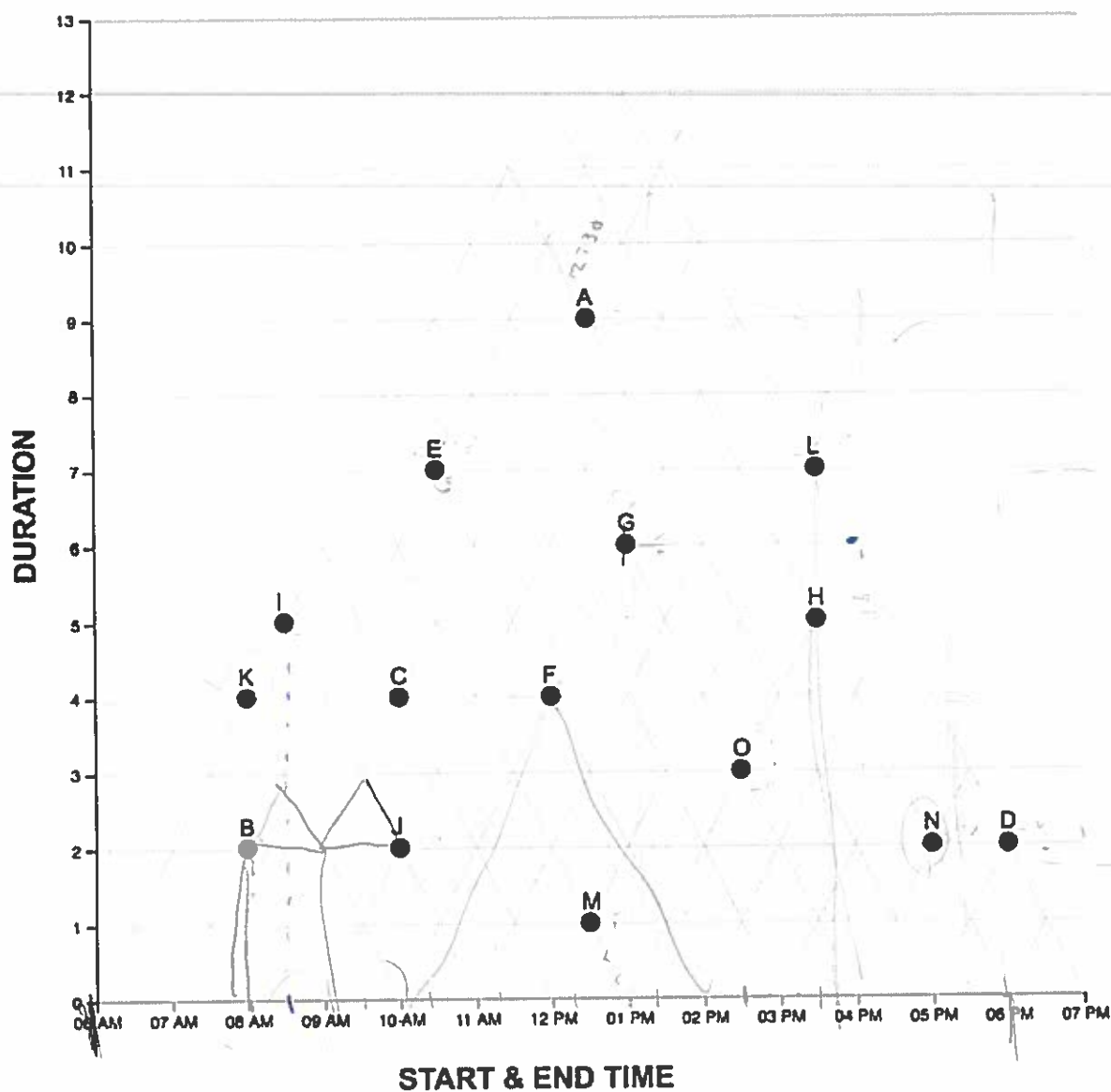
Jane is the Project Manager for team Axis in a health care hackathon. A hackathon is an event, typically lasting 24 hours, where designers and developers come together to build a product. Jane is responsible for keeping her team on track to finish their ambitious project in only 24 hours. She has compiled a list of tasks and organized them into a schedule. Now she needs to assign the tasks to her team.



Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	G
When does task G end?	6hrs
Jane wants to divide tasks four hours or longer into smaller tasks. Which should she consider subdividing?	A
Jane would like her teammates to check in with her at the midway point (half way through) each of their tasks. What is the first time during the day that two teammates will update Jane at the same time?	G, O
Of all the tasks that overlap with H, what is the earliest start time?	3:30
All of the tasks that last two hours involve testing prototypes. When does the second round of prototype testing begin?	5pm
Which tasks are performed before N and do not overlap with K?	M, G, L, H, A
Which tasks do not overlap with I or D?	L, H, O, N
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	A, L, N, G
Which tasks under four hours are scheduled during the same time span as task L?	H, N, D
How many times during the day do two tasks start at the same time?	4 times
What tasks are scheduled to end at 4PM?	F
Which task(s) takes place entirely during task G?	O
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	I, C, E
Which task starts with F and ends with O?	N/A
Which task starts sometime after F and is one hour shorter?	N/A

# AXIS HACKATHON TASK SCHEDULE



# Longmire Inn & Conference Center

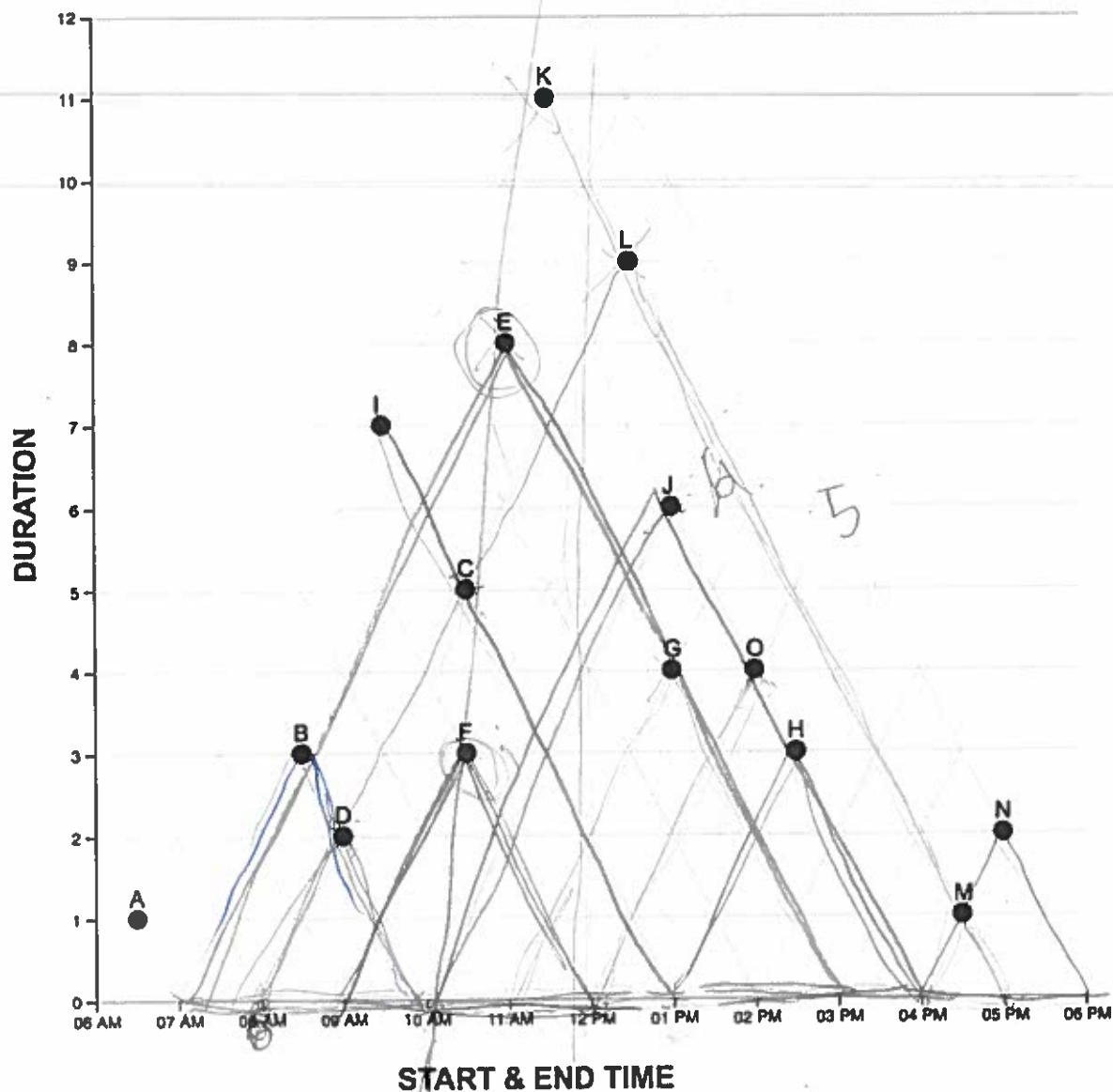


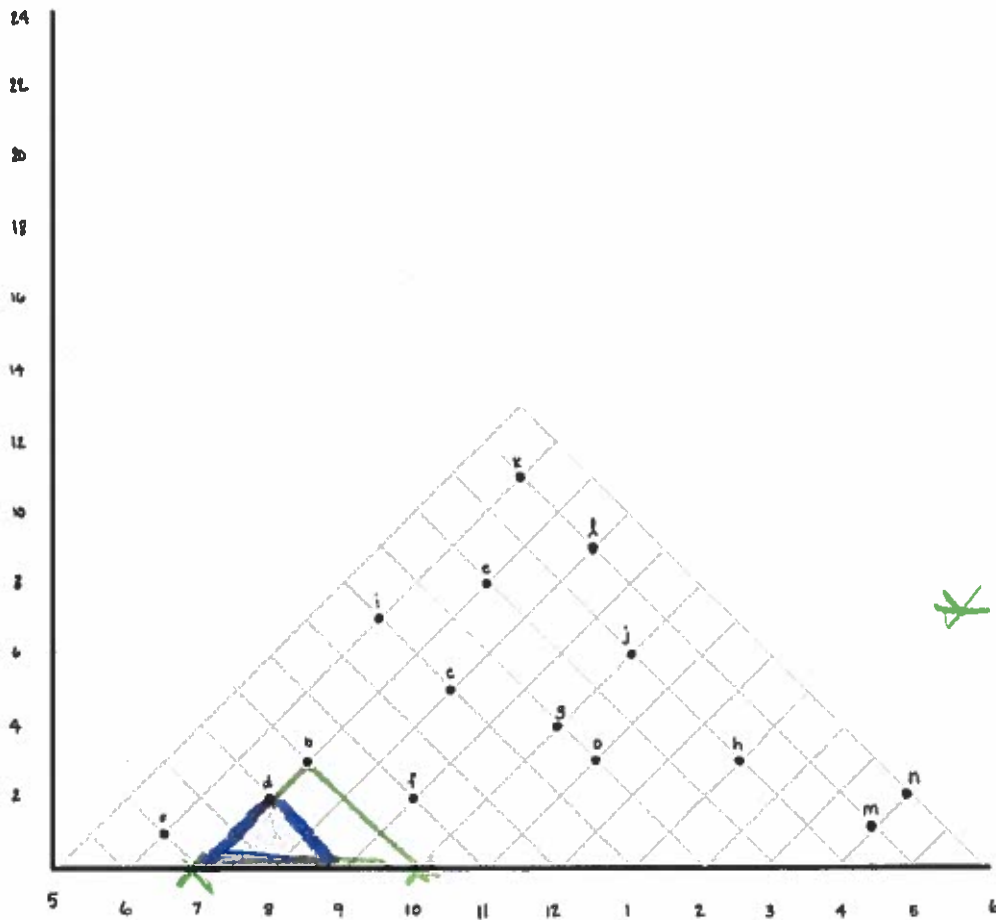
Teresa is the Manager of Event Operations for the Longmire Inn & Conference Center. The property has meeting rooms and event spaces that can be reserved for conferences and parties. Tomorrow is a busy day for Teresa because every conference room is reserved at some point during the day.

Help Teresa review the event schedule so she can organize her staff.

QUESTION	ANSWER
Which room reservations start at 8:00 AM?	D, C, L
Which room reservations end after 3:00 PM?	H, O, J, M, L, K, N
Which rooms are reserved for 4 hours?	G, O
Guests in the room J have requested a snack break midway through their event. At what time do the staff need to have the snacks ready?	1 PM
What is the earliest reservation that does not overlap with F?	A
Events in the morning (end at noon or earlier) that last less than 3 hours are eligible for a discounted rate. Which rooms are eligible?	A, D
Which reservations are before N and do not overlap with H?	I, C, F, B, D, A
Which reservations do not overlap with D or H?	A, M, N
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	L, K,
Which 2 rooms are reserved for the same number of hours, and are entirely contained by the time that room J is reserved?	O, G
When two or more reservations start at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	6 AM, 7 AM, 8 AM, 4 PM
When three or more reservations END at the same time, Teresa needs to get help from the housekeeping staff to prepare the rooms. For what reservation times does Teresa need extra staff?	5 PM, 4 PM,
Teresa's event manager Liam is personally attending to the reservation in conference room E for a high priority client. Which reservations can Liam not set up while he is attending to room E?	B, D, C, L, F, J, G, H
The company reserving conference room F have also reserved a second room. Immediately after they finish with room F, to which room will they relocate?	Room O
Which <del>task</del> reservation starts with D and ends with I?	C
Which reservation starts before room J and is one hour shorter?	C,

# LONGMIRE ROOM RESERVATIONS





\* - Subscript  
= 1st  
+ 2nd



# Axis Hackathon

Jane is the Project Manager for team Axis in a health care *hackathon*. A hackathon is an event, typically lasting 24 hours, where designers and developers come together to build a product. Jane is responsible for keeping her team on track to finish their ambitious project in only 24 hours. She has compiled a list of tasks and organized them into a schedule. Now she needs to assign the tasks to her team.

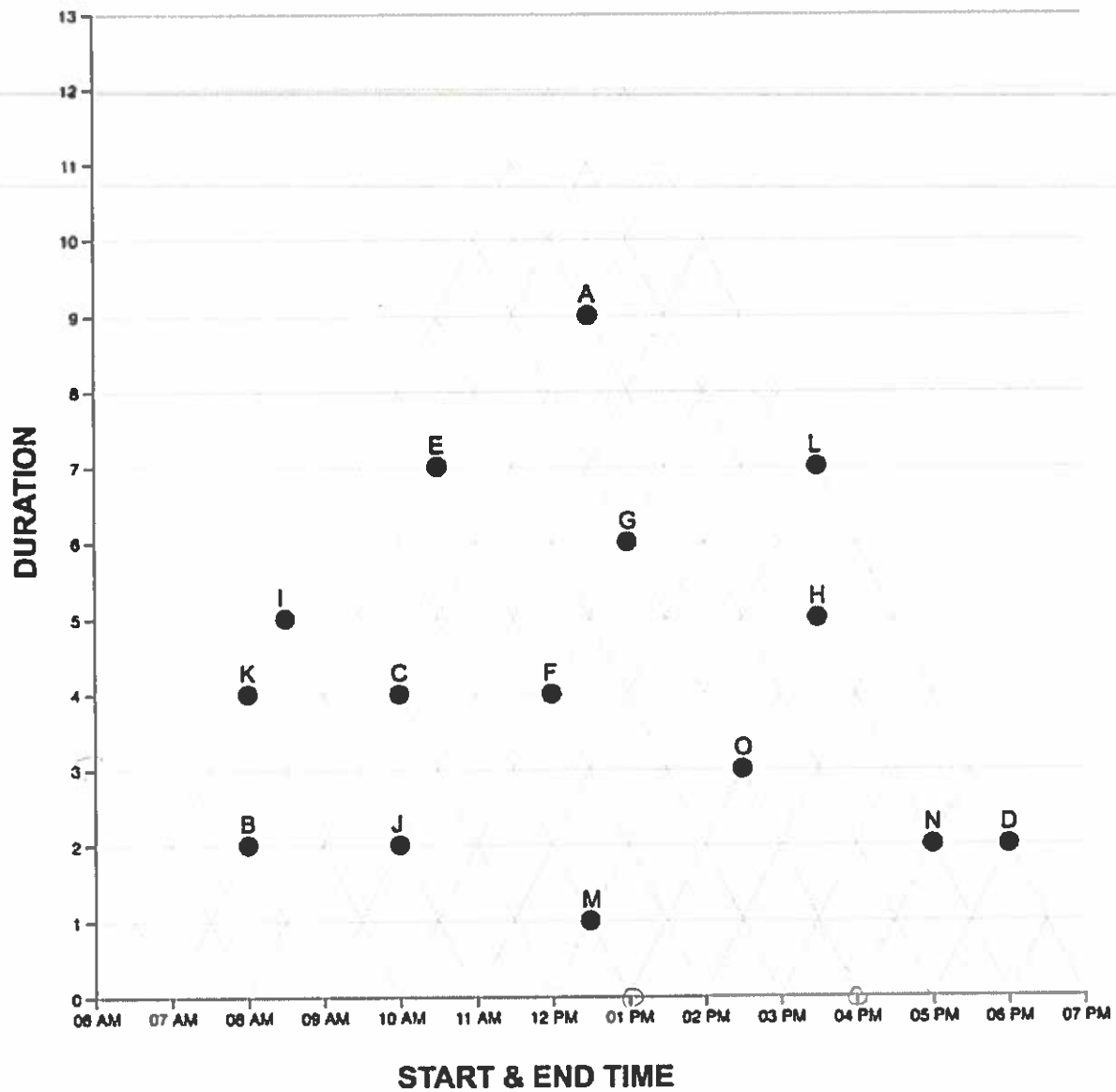


Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	O and H
When does task G end?	4pm
Jane wants to divide tasks four hours or longer into smaller tasks. Which should she consider subdividing?	A, E, L, G, I, H, K, C, F
Jane would like her teammates to check in with her at the midway point (half way through) each of their tasks. What is the first time during the day that two teammates will update Jane at the same time?	K and B at 8am
Of all the tasks that overlap with H, what is the earliest start time?	1am
All of the tasks that last two hours involve testing prototypes. When does the second round of prototype testing begin?	9am
Which tasks are performed before N and do not overlap with K?	O, M, G, F
Which tasks do not overlap with I or D?	O, M,
Which <sup>task</sup> room is reserved for the whole time that room H is reserved, and also overlaps with room D?	N
Which tasks under four hours are scheduled during the same time span as task L?	M, O, N, D
How many times during the day do two tasks start at the same time?	6
What tasks are scheduled to end at 4PM?	O, G
Which task(s) takes place entirely during task G?	F, O, M
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	G
Which task starts with F and ends with O?	G
Which task starts sometime after F and is one hour shorter?	O



## AXIS HACKATHON TASK SCHEDULE



K: starts at 6 AM, ends at 10 AM. Duration is 3 hrs



# Axis Hackathon

Jane is the Project Manager for team Axis in a health care hackathon. A hackathon is an event, typically lasting 24 hours, where designers and developers come together to build a product. Jane is responsible for keeping her team on track to finish their ambitious project in only 24 hours. She has compiled a list of tasks and organized them into a schedule. Now she needs to assign the tasks to her team.



Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	G
When does task G end?	6 something/hours?
Jane wants to divide tasks four hours or longer into smaller tasks. Which should she consider subdividing?	E, L, & A
Jane would like her teammates to check in with her at the midway point (half way through) each of their tasks. What is the first time during the day that two teammates will update Jane at the same time?	11 am
Of all the tasks that overlap with H, what is the earliest start time?	E, 10:30am
All of the tasks that last two hours involve testing prototypes. When does the second round of prototype testing begin?	J, 10:00am
Which tasks are performed before N and do not overlap with K?	A, G, M, O, H, L
Which tasks do not overlap with I or D?	O
Which <sup>task</sup> <del>room</del> is <sup>scheduled</sup> reserved for the whole time that <sup>task</sup> <del>room</del> H is <sup>scheduled</sup> reserved, and also overlaps with <del>task</del> D?	N & L
Which tasks under four hours are scheduled during the same time span as task L?	N & D
How many times during the day do two tasks start at the same time?	4
What tasks are scheduled to end at 4PM?	F
Which task(s) takes place entirely during task G?	O, N
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	quit N & do F instead
Which task starts with F and ends with O?	M
Which task starts sometime after F and is one hour shorter?	O

## AXIS HACKATHON TASK SCHEDULE

