Which Graphs Match This Meaning?

President → Heads → Studio

- A
- B
- C
- D
- E
- F

C,D,E,F
B,C,E
C,E
A,D,E

https://kahoot.it
Question

• Scenario 1:
  – An Employee belongs to a single project
  – For Project work, employees use Tools

• Scenario 2:
  – An employee belongs to a single project
  – An employee may use each tool for just one project

• Scenario 3:
  – An employee belongs to a single project
  – An employee may use a tool only for its owner project
Solution: Grouping (Aggregation)

- Scenario 3:
  - An employee belongs to a single project
  - An employee may use a tool only for its owner project

Higher level entity type

Option 1

Option 2
Which Graphs Match This Meaning?

A

B

C

D

E

F

President

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C,D,E,F

D,E

C,E

B,C,E

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What’s the Difference?

Company → BC → Battalion

- Company: number
- BC:
- Battalion: name, number