

Lesson 2 Quiz

4 试题

1
point

1。

If we know the support of itemset $\{a, b\}$ is 10, which of the following numbers are the possible supports of itemset $\{a, c\}$? Select all that apply.

☒ 10

☒ 9

☒ 11

1
point

2。

If we know the support of itemset $\{a\}$ is 50 and the support of itemset $\{a, b, c\}$ is 10, which of the following numbers are the possible supports of itemset $\{a, b\}$? Select all that apply.

☒ 50

☒ 10

☒ 30

☐ 100

☐ 5

1
point

3.

Considering the Apriori algorithm, assume we have 5 items (A to E) in total. In the 1st scan, we find out **all** frequent items A, B, C, and E. How many size-2 (i.e., containing 2 items, e.g. A, B) itemsets should be considered in the 2nd scan, i.e., have potential to be size-2 frequent itemsets? Select all that apply.

- ☐ 4
- ☒ 6
- ☐ 10
- ☐ 25
-

1
point

4.

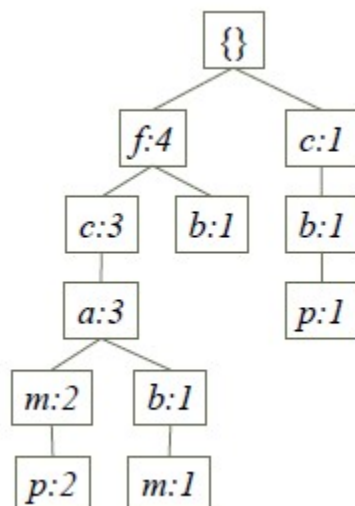


Figure 1: FP-Tree

Given the FP-tree as shown in Figure 1, what is the support of $\{c, p\}$?

- ☐ 4
- ☐ 2
- ☒ 3
- ☐ 1
- ☐ 5



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