

① Relasi ekuivalen $\rightarrow a, c$ ✓

② Relasi Terurut Sebagian $\rightarrow d, f$ ✗

cek lagi ya,
apakah d dan f
terurut
sebagian?

② a) Elemen Maksimal = b, m
Elemen Minimal = a, b, c

$$b) BA \{a, b, c\} = \{a, d, i, h, j, k, l, m\} \cap \{b, d, e, i, h, j, k, l, m\} \\ \cap \{c, f, g, k, l, m\}$$

$$= \{k, l, m\}$$

$$\underline{\text{Sup}(M)} = \{k\}$$

$$c) BB \{f, g, h\} = \{f, c\} \cap \{g, f, c\}, \{h, d, e, a, b\} \\ = \emptyset$$

$$\underline{\text{Inf}(N)} = -$$

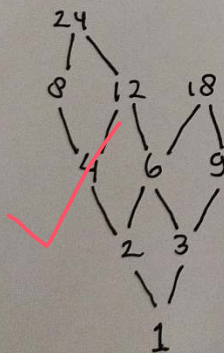
③ $P = \{1, 2, 3, 4, 6, 8, 9, 12, 18, 24\}$

PRATAMA
INDO PLASTIK

$$R = \{ \cancel{(1,1)}, \cancel{(2,2)}, \cancel{(3,3)}, \cancel{(4,4)}, \cancel{(6,6)}, \cancel{(8,8)}, \cancel{(9,9)}, \cancel{(12,12)}, \cancel{(18,18)}, \cancel{(24,24)}, \\ (1,2), (1,3), \cancel{(1,4)}, \cancel{(1,6)}, \cancel{(1,8)}, \cancel{(1,9)}, \cancel{(1,12)}, \cancel{(1,18)}, \cancel{(1,24)}, (2,4), \\ (2,6), \cancel{(2,8)}, \cancel{(2,12)}, \cancel{(2,18)}, \cancel{(2,24)}, (3,6), (3,9), \cancel{(3,12)}, \cancel{(3,18)}, \\ \cancel{(3,24)}, (6,12), (6,18), \cancel{(6,24)}, (8,24), (9,18), (12,24), (4,8), \\ (4,12), \cancel{(4,24)} \}$$

$$\text{Sisa} = \{ (1,2), (1,3), (2,4), (2,6), (3,6), (3,9), (4,8), (4,12), (6,12), (6,18), \\ (8,24), (9,18), (12,24) \}$$

④ Diagram Hasse



⑤ $A = \{3, 4\}$

$$BA(A) = \{3, 6, 9, 12, 18, 24\} \cap \{4, 8, 12, 24\} \\ = \{12, 24\}$$

$\text{Sup}(A) = \{12\}$

⑥ $Q = \{8, 18\}$

$$BB(Q) = \{8, 4, 2, 1\} \cap \{18, 6, 9, 2, 3, 1\} \\ = \{2, 1\}$$

$\text{Inf}(Q) = \{2\}$

⑦ Elemen Maximal = 24 & 18

Elemen Minimal = 1

⑧ Jawabannya yg "b", karena pada pertama kali dicoba antara $\{d, e\} \rightarrow$ tidak memiliki Infimum
No. 4 \uparrow

coba lihat lagi, no 4
yg ditanyakan apa ya