

Quiz 20

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①

$A_1$	$A_2$	$A_3$	$A_4$
$3 \times 2$	$2 \times 5$	$5 \times 10$	$10 \times 6$

H	1	2	3	4
1	0	30	160	256
2		0	100	220
3			0	300
4				0

$$H_{1-2} = 3 \times 2 \times 5 = 30$$

$$H_{2-3} = 2 \times 5 \times 10 = 100$$

$$H_{3-4} = 5 \times 10 \times 6 = 300$$

$$H_{1-3} : \boxed{A_1} \quad \boxed{A_2 A_3}$$

$$= 2 \times 5 \times 10 + 3 \times 2 \times 10 = 160$$

$$H_{2-4} : \boxed{A_2} \quad \boxed{A_3 A_4} \quad \boxed{A_2 A_3} \quad \boxed{A_4}$$

$$300 + 2 \times 5 \times 6 = 360$$

$$= 100 + 2 \times 10 \times 6 = 220$$

$$\boxed{A_1 A_2} \quad \boxed{A_3}$$

$$= 30 + 3 \times 5 \times 10 = 180$$

$$H_{1-4} : \boxed{A_1} \quad \boxed{A_2 A_3 A_4}$$

$$\boxed{A_1 A_2} \quad \boxed{A_3 A_4}$$

$$\boxed{A_1 A_2 A_3} \quad \boxed{A_4}$$

$$220 + 3 \times 2 \times 6 = 256$$

$$30 + 300 + 3 \times 5 \times 6 = 420$$

$$160 + 3 \times 10 \times 6 = 340$$



②

H	1	2	3	4
1	0	$2 \times 10^4$	15000	19000
2		0	$10^4$	$5 \times 10^4$
3			0	8000
4				0

$$H_{1-2} = 10 \times 100 \times 20 = 2 \times 10^4$$

$$H_{2-3} = 100 \times 20 \times 5 = 10^4$$

$$H_{3-4} = 20 \times 5 \times 80 = 8000$$

$$H_{1-3} : \boxed{M_1} \boxed{M_2 M_3} \quad 10^4 + 10 \times 100 \times 5 = 10^3(10+5) = 15000$$

$$\boxed{M_1 M_2} \boxed{M_3} \quad 2 \times 10^4 + 10 \times 20 \times 5 = 10^3(20+1) = 21000$$

$$H_{2-4} : \boxed{M_2} \boxed{M_3 M_4} \quad 8000 + 100 \times 20 \times 80 = 168000$$

$$\boxed{M_2 M_3} \boxed{M_4} \quad 10^4 + 100 \times 5 \times 80 = 5 \times 10^4$$

$$H_{1-4} : \boxed{M_1} \boxed{M_2 M_3 M_4} \quad 5 \times 10^4 + 10 \times 100 \times 80 = 13 \times 10^4$$

$$\boxed{M_1 M_2} \boxed{M_3 M_4} \quad 2 \times 10^4 + 8 \times 10^3 + 10 \times 20 \times 80 = 44 \times 10^3$$

$$\boxed{M_1 M_2 M_3} \boxed{M_4} \quad 15000 + 10 \times 5 \times 80 = 19000$$