

$$V_1 \quad V_2 \quad V_3 \quad V_4 \quad V_5$$

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$$\text{Dom}[V_1] = \{1, 2, 3\}$$

$$\text{Dom}[V_2] = \{1, 2, 3\}$$

$$\text{Dom}[V_3] = \{1, 2, 3\}$$

$$\text{Dom}[V_4] = \{1, 2, 3, 4, 5\}$$

$$\text{Dom}[V_5] = \{1, 2, 3, 4\}$$

↓

1				
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$$\text{Dom}[V_2] = \{2, 3\}$$

$$\text{Dom}[V_3] = \{2, 3\}$$

$$\text{Dom}[V_4] = \{2, 3, 4, 5\}$$

$$\text{Dom}[V_5] = \{2, 3, 4\}$$

↓

1	2			
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$$\text{Dom}[V_3] = \{3\}$$

$$\text{Dom}[V_4] = \{3, 4, 5\}$$

$$\text{Dom}[V_5] = \{3, 4\}$$

↓

1	2	3		
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$$\text{Dom}[V_4] = \{4, 5\}$$

$$\text{Dom}[V_5] = \{4\}$$

↓

1	2	3	4	
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$$\text{Dom}[V_5] = \{\} \text{ DND}$$

1	2	3	5	
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$$\text{Dom}[V_5] = \{4\}$$

↓

1	2	3	5	4
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solution

X	Y	Z	W

$$\text{Dom}[X] = \{1, 2, 3, 4\}$$

$$\text{Dom}[Y] = \{1, 2, 3, 4\}$$

$$\text{Dom}[Z] = \{1, 2, 3, 4\}$$

$$\text{Dom}[W] = \{1, 2, 3, 4, 5\}$$

1			
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$$\text{Dom}[Y] = \{\}$$
 根据约束 $x = y + z$

$$\text{Dom}[Z] = \{\}$$
 根据约束 $x = y + z$ **DWO**

$$\text{Dom}[W] = \{2, 3, 4, 5\}$$
 根据约束 $w > x$

2			
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$$\text{Dom}[Y] = \{1\}$$
 根据约束 $x = y + z$

$$\text{Dom}[Z] = \{1\}$$
 根据约束 $x = y + z$

$$\text{Dom}[W] = \{4\}$$
 根据约束 $w = x + y + z$



2	1		
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$$\text{Dom}[Z] = \{1\}$$

$$\text{Dom}[W] = \{4\}$$



2	1	1	
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$$\text{Dom}[W] = \{4\}$$



2	1	1	4
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solution