

MAX [8, x) [8, \(\)) MIN EVALUAT EVALVA ED TED MAX 15 5 Finally, we pruned 4 branches with 6 nodes.

A: {4,5,6,7,8}

Sept TAIR OT A

B: {10,20,30,40}

C: {2,3,4}

D: {28,43,56,77,94,114}

Constrainty are

A+C = odd; A+D = square of an inlèger

B+D < 60

Domain A: {4,5,6,7} B: {10,20,30,403 {10,20,30,40} C: {2,3,4} D: {28, 43,56, 928, 43,56, 77, 77,94,1143

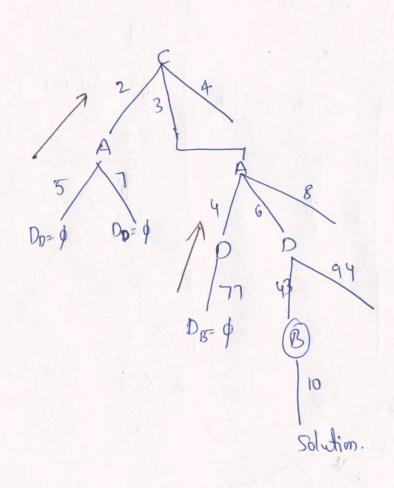
0=2 25,73 2 94, 1143 210,20,30,403

A=7 {10,20,30,40}

Based on MRV, Stad with & C; sinu A is: MRV, traverse of.

Lets check with

	c=3	A= 4	D=77	A=6	D=43	B=10
A: {4,5,6,7,8}	2416,83	6	4	6	6	G
B: {10,20,30,40}	{10,20,30,	\$10,20,30,	ф	30,403	{ 10 }	10
C: { 2,3,4}	3	403	3	3	3	3
D: {28, 43,56,77,94,	£28,43,56,77,94,114}	2773	771	943	43	43
					al when	
				()-)		



on seclecting C = 3; we have

A with 4,6, and 8 values.

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with A as 4, D as 77,

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we have

set for B.

Traverse back to A=6,

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Values which passes all

values which passes all

values constraints.

Final solution is,

C:3, A:6; D:43; B:10

A+C = 6+3 = oddA+D = $6+43 = 49 = 92 = 59\mu ar$ of integer B+D = 10+43 = 53 < 60

TWO + TWO = FOUR

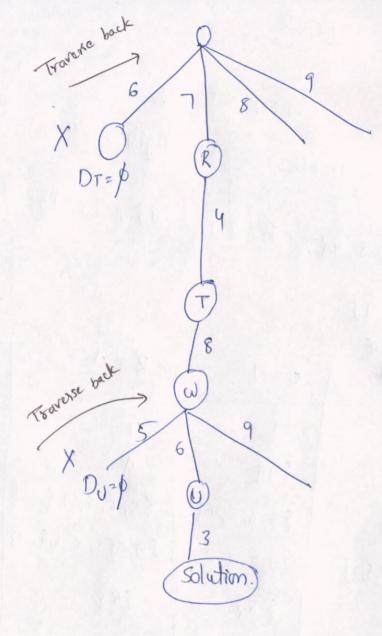
F=1; 0+0=10+2; w+w+1=10+0; All digits are distinct. T+T+1=10+0; T=10+0; T=10+0; T=10+0; T=10+0; T=10+0; T=10+0;

0: {6,7,8,93; R: {0,2..9}; W: {5..9}; U: {0,2..9}

T: {5..9}

1 0=6	Fraverse 0=7	R = 4	T=8
0: \(\{ \) \(\)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7 \$ \{5,6,8,9} \$ \{0,2,3,5,6,8,9} \{8}	7 \$5,6,9} \$0,2,3,5,6,9}

	Traversity Reck		Solution			
1	(w=5)	Wz6	023	1		
0	7	7	7			
R	4	4	9			
W	5	6	6	811 3		
U	ф	233	3			
T	8	8	8			



T=8; w=6; 0=7; U=3; f=1; R=4

TWO + TWO = FOUR