

Evaluation for 'A-BCvBC-BvA-AB-C' begins...

3 disjunct elements found.

- checking on 'A-BC'

First valid solution found:

A = true

B = false

C = true

Satisfiable: true

Evaluation for 'AAAAAAA-A' begins...

1 disjunct elements found.

- checking on 'AAAAAAA-A'

Satisfiable: false

Evaluation for 'AvBvCvDvEvFvGvHvIvJvKvLvMvN' begins...

14 disjunct elements found.

- checking on 'A'

First valid solution found:

A = true

Satisfiable: true

Evaluation for '' begins...

1 disjunct elements found.

- checking on ''

First valid solution found:

Satisfiable: true

Evaluation for 'A-AvB-BvC-CvD-DvE-EvF-FvG-G' begins...

7 disjunct elements found.

- checking on 'A-A'

- checking on 'B-B'

- checking on 'C-C'

- checking on 'D-D'

- checking on 'E-E'

- checking on 'F-F'

- checking on 'G-G'

Satisfiable: false

Evaluation for 'A-AvB-BvC-CvD-DvE-EvF-FvG-H' begins...

7 disjunct elements found.

- checking on 'A-A'

- checking on 'B-B'

- checking on 'C-C'

- checking on 'D-D'

- checking on 'E-E'

- checking on 'F-F'

- checking on 'G-H'

First valid solution found:

G = true

H = false

Satisfiable: true

Evaluation for 'ABCDEFGHJKLMNOPQRSTUVWXYZ' begins...

1 disjunct elements found.

- checking on 'ABCDEFGHJKLMNOPQRSTUVWXYZ'

First valid solution found:

A = true

B = true

C = true

D = true

E = true

F = true

G = true

H = true

I = true

J = true

K = true

L = true

M = true

N = true

O = true

P = true

```
Q = true
R = true
S = true
T = true
U = true
V = true
W = true
X = true
Y = true
Z = true
Satisfiable: true
```

Evaluation for ' $\neg A \neg B \neg C \neg D \neg E \neg F \neg G \neg H \neg I \neg J \neg K \neg L \neg M$ ' begins...

1 disjunct elements found.

- checking on ' $\neg A \neg B \neg C \neg D \neg E \neg F \neg G \neg H \neg I \neg J \neg K \neg L \neg M$ '

First valid solution found:

```
A = false
B = false
C = false
D = false
E = false
F = false
G = false
H = false
I = false
J = false
K = false
L = false
M = false
```

Satisfiable: true

Evaluation for ' $\neg A \neg A \neg A \vee BBB \neg B \neg B \neg BBB$ ' begins...

2 disjunct elements found.

- checking on ' $\neg A \neg A \neg A$ '

- checking on ' $BBB \neg B \neg B \neg BBB$ '

Satisfiable: false