Resolution

-A V B V E, -B V -D, C V A, -C, D, -E

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Apply resolution to this (set/conjunction of) clauses https://tutorcs.com

Which sequence(s) may be generated amongst

$$\neg A \lor E \lor \neg D$$
, $E \lor \neg D \lor C$, $\neg D \lor C$, \Box

B V E V C, E V
$$\neg$$
D V C, \neg D V C, C,

$$EV\neg DVC, \neg DVC, BVEVCVA, C, \Box$$

Resolution

```
\neg A \lor B \lor E, \neg B \lor \neg D, C \lor A, \neg C, D, \neg E
```

- Resolution with ¬A V B V E and ¬B V ¬D gives ¬A V E V ¬D
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 Resolution with ¬A V E V ¬D and C V A gives E V ¬D V C
- Resolution with E V ¬DhttpsintutgresvesmD V C
- Resolution with ¬D V Cynet Pagives Gorcs
- Resolution with C and \neg C gives \square

Thus the sequence $\neg A \lor E \lor \neg D$, $E \lor \neg D \lor C$, $\neg D \lor C$, \Box may be generated by applying resolution

Resolution

```
\neg A \lor B \lor E, \neg B \lor \neg D, C \lor A, \neg C, D, \neg E
```

- Resolution with ¬A V B V E and C V A gives B V E V C Assignment Project Exam Help
 Resolution with B V E V C and ¬B V ¬D gives E V ¬D V C
- Resolution with E V ¬DhttpsantutgresvesmD V C
- Resolution with ¬D V Cynet Pagives Gorcs
- Resolution with C and \neg C gives \square

Thus the sequence B V E V C, E V \neg D V C, \neg D V C, \Box may be generated by applying resolution