

1.) Which of the following are valid sequences ? You must clearly identify for each of the following statements, which are valid and which are invalid?:

a.) From this flight to that flight

- i.) <Prep><Det><Noun><Prep><Det><Noun>
- ii.) <Prep><NP><Prep><NP>
- iii.) <Prep><NP><PP> : CANNOT reduce (INVALID)

b.) book the flight through Phoenix

- i.) <Verb><Det><Noun><Prep><Proper-Noun>
- ii.) <Verb><Det><Nominal><Prep><NP>
- iii.) <Verb><NP><Prep><NP>
- iv.) <VP><PP>
- v.) <VP> : CAN reduce to sentence (VALID)

c.) Do I game that

- i.) <Aux><Pronoun><Verb><Det>
- ii.) Can't end in <Det> : CANNOT reduce to sentence (INVALID)

d.) Tempe win the game

- i.) <Proper-Noun><Verb><Det><Noun>
- ii.) <NP><Verb><Det><Nominal>
- iii.) <NP><Verb><NP>
- iv.) <NP><VP>: CAN reduce to sentence (VALID)

e.) He love love

- i.) <Pronoun><Verb><Noun>
- ii.) <Pronoun><VP><Noun>
- iii.) <NP><VP><Noun> : CANNOT reduce to sentence (INVALID)

f.) Does I love Phoenix

- i.) <Aux><Pronoun><Verb><Proper-Noun>
- ii.) <Aux><NP><Verb><NP>
- iii.) <Aux><NP><VP> : CAN reduce to sentence (VALID)

g.) You love win through that game

- i.) <Pronoun><Verb><Verb><Prep><Det><Noun>
- ii.) Can't have two verbs connected
- iii.) CANNOT reduce to sentence (INVALID)

h.) Do buy book

- i.) <Aux><Verb><Noun>
- ii.) <Aux><Verb><Nominal>
- iii.) Can't reduce further: CANNOT reduce to sentence (INVALID)

i.) Tempe win from Phoenix to

- i.) <Proper-Noun><Verb><Prep><Proper-Noun><Prep>
- ii.) <NP><Verb><Prep><NP><Prep>
- iii.) <NP><Verb><PP><Prep>

iv.) <NP><VP><PP><Prep>

v.) <NP><VP><Prep>

vi.) <Sentence><Prep>: CANNOT reduce to sentence (INVALID)

j.) He does buy the book

i.) <Pronoun><Aux><Verb><Det><Noun>

ii.) <Pronoun><Aux><Verb><NP>:

iii.) CANNOT reduce to sentence (INVALID)