INF1A

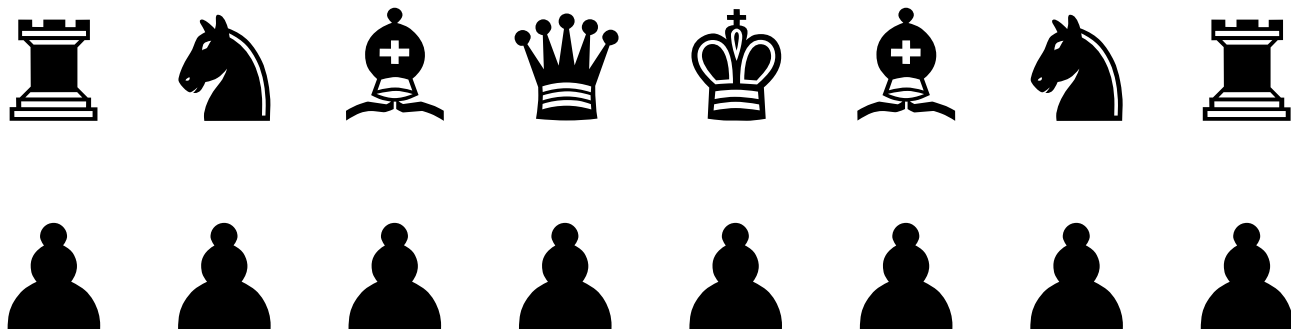## binary questions

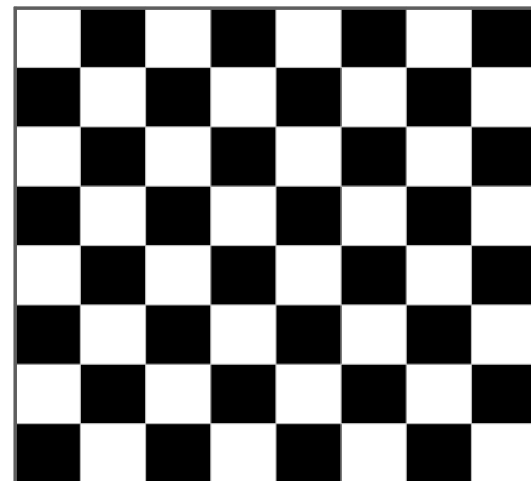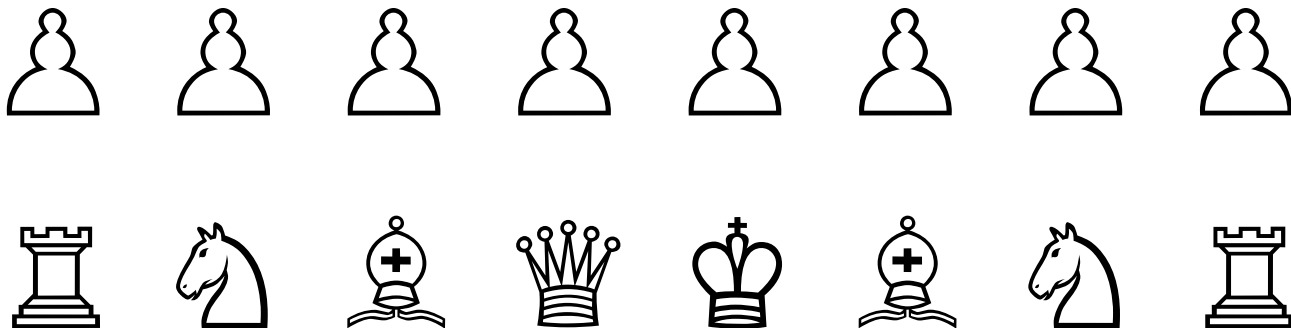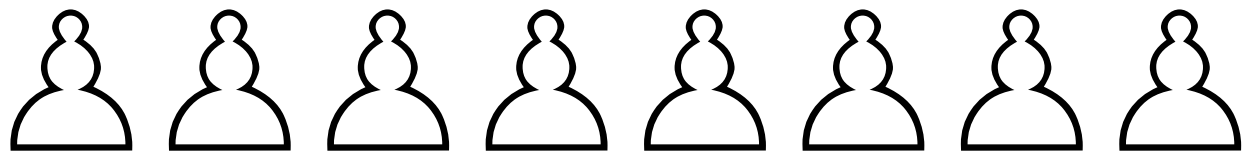Introducing bits of information

INF1A

binary questions
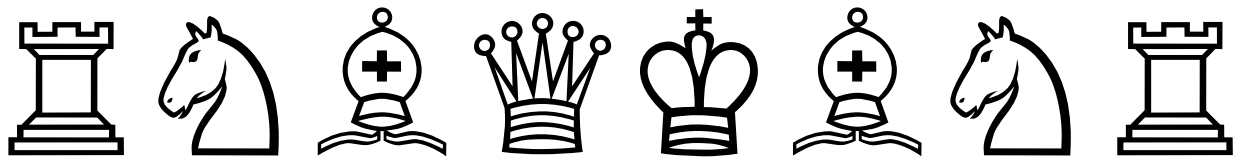
32 pieces of 12 different kinds
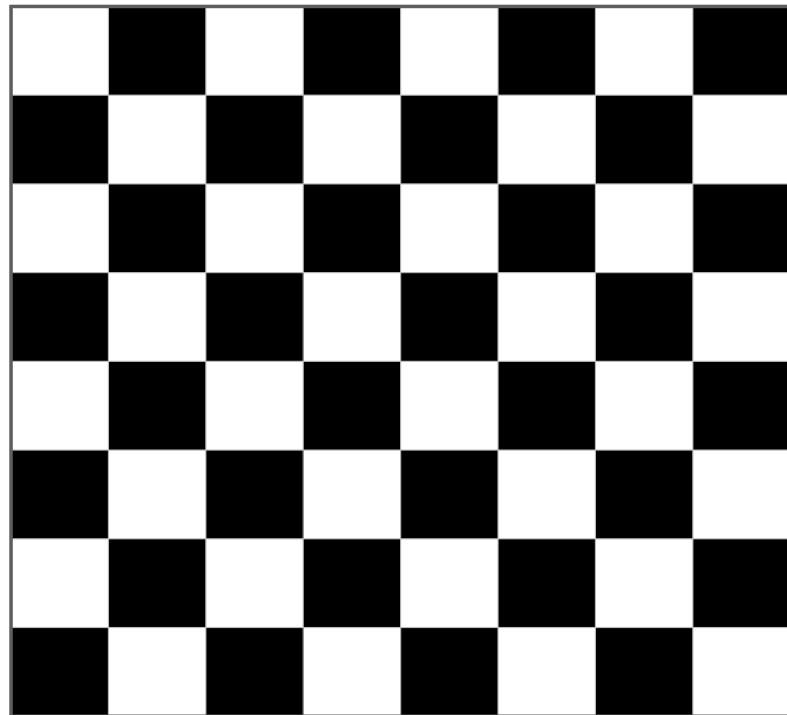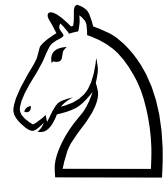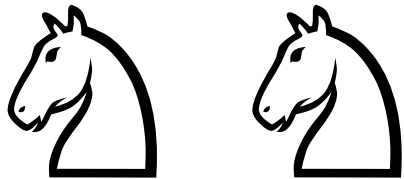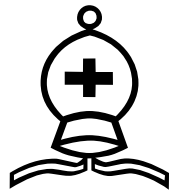*What kind of piece is that?* has 12 possible answers

INF1A

binary questions

pawn or not pawn
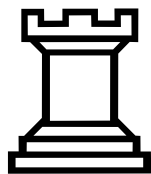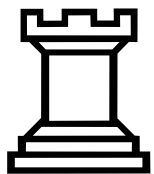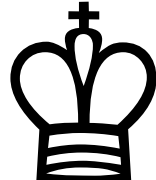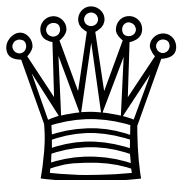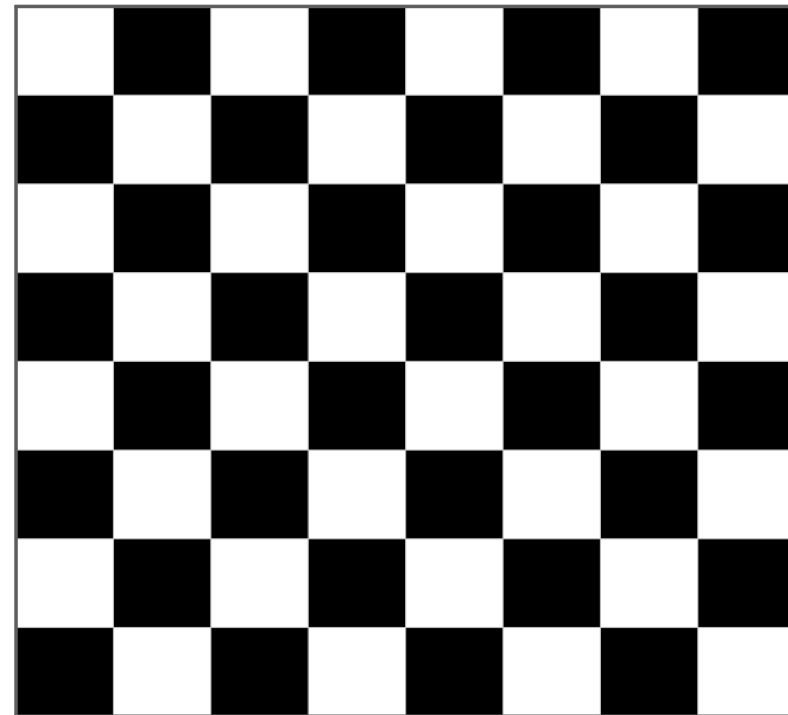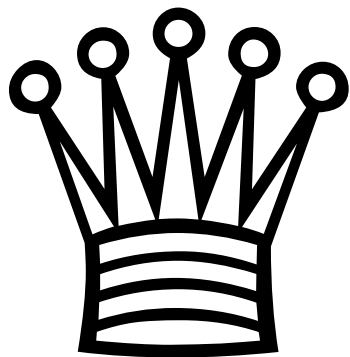
knight or bishop
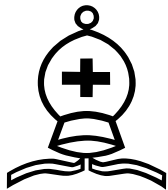
Minor
or
Major

rook or royal
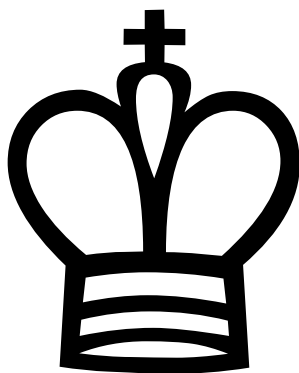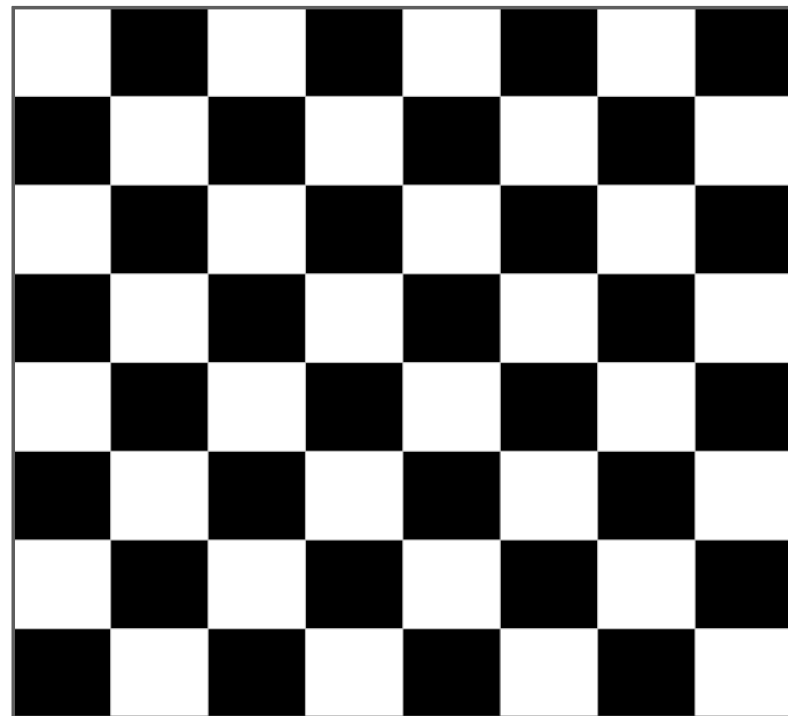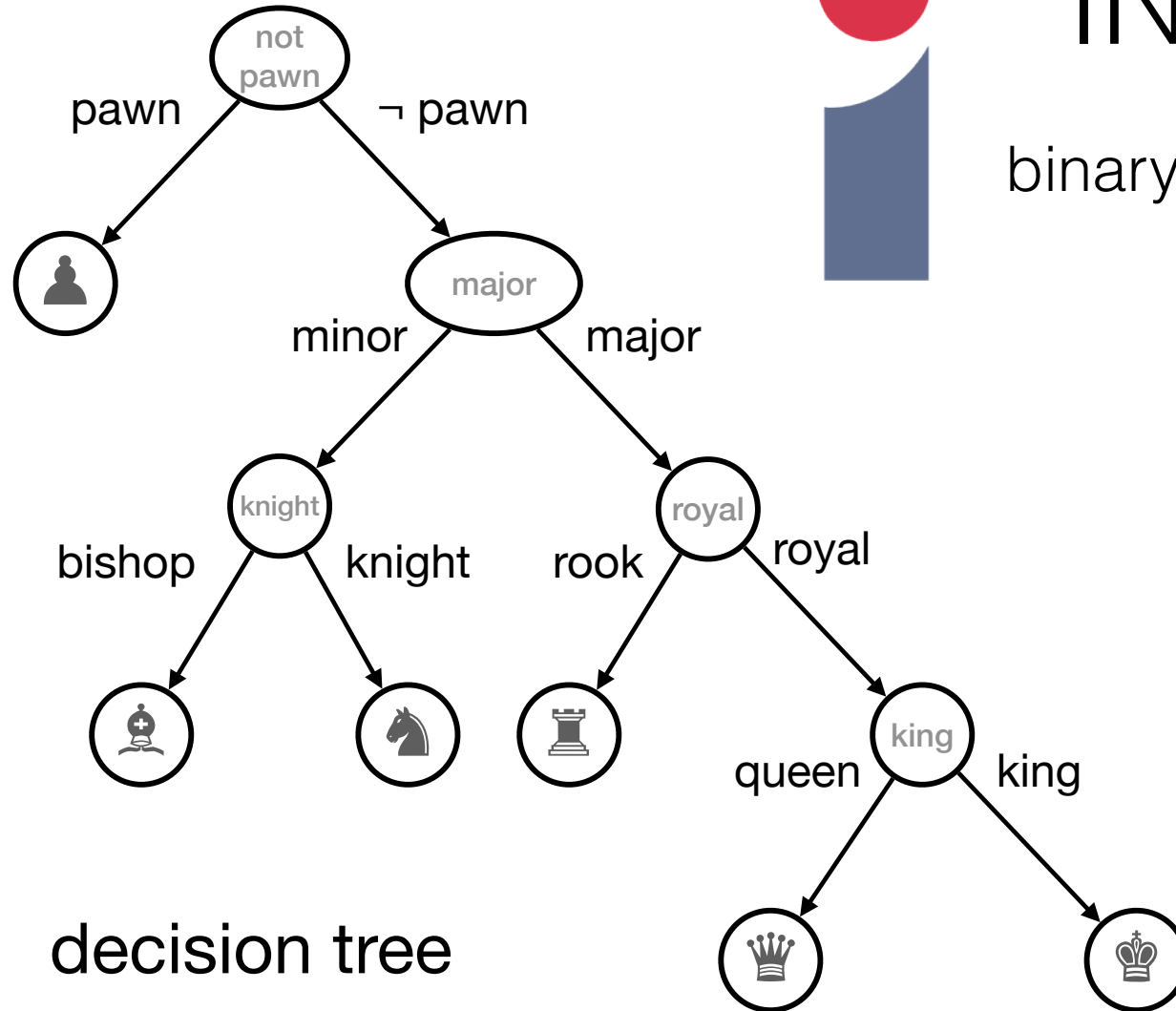
INF1A

binary questions

queen or king

INF1A

binary questions
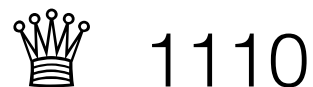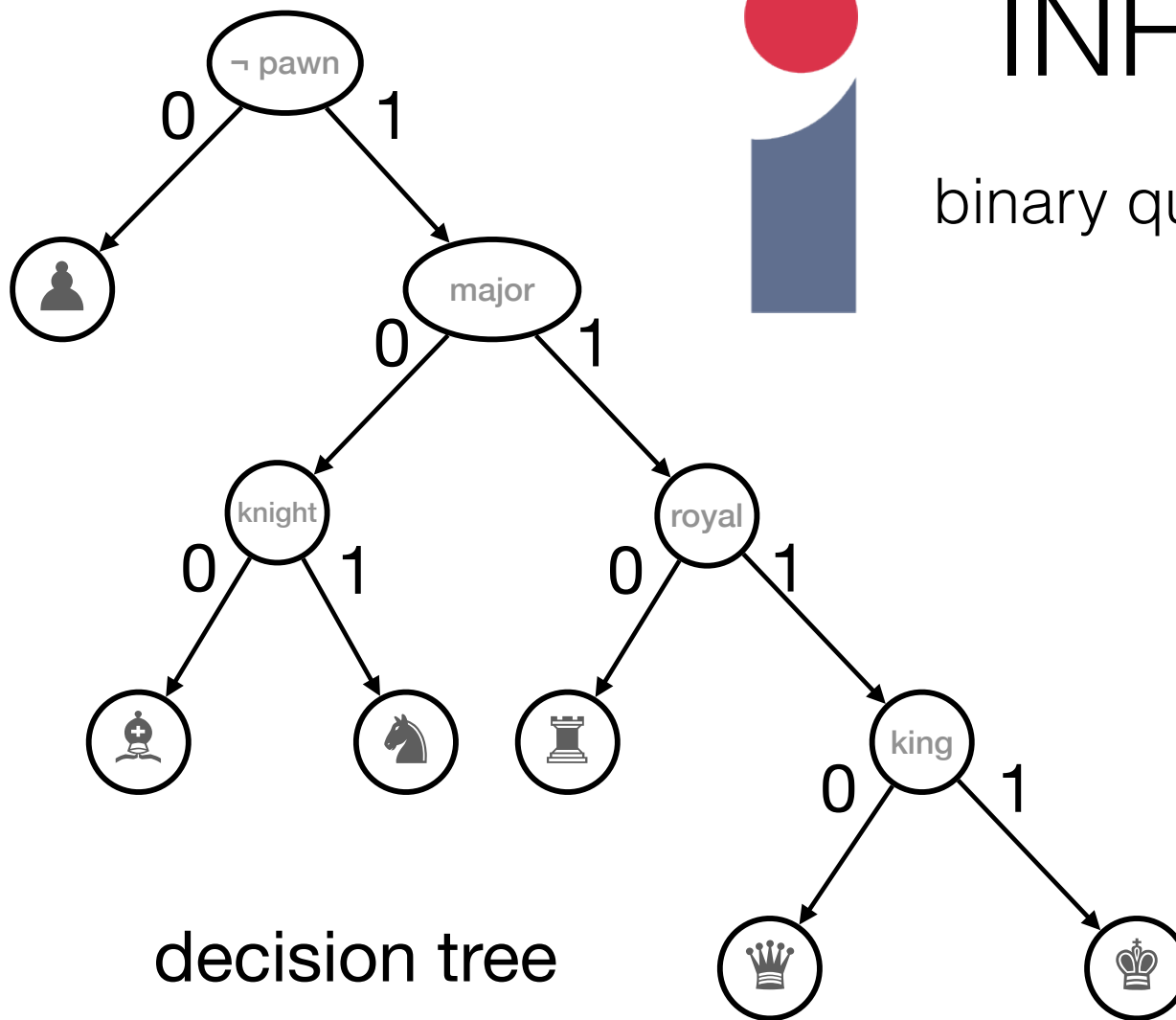
INF1A

binary questions

¬ x *means* not x

decision tree

INF1A

binary questions

encoding   decision tree
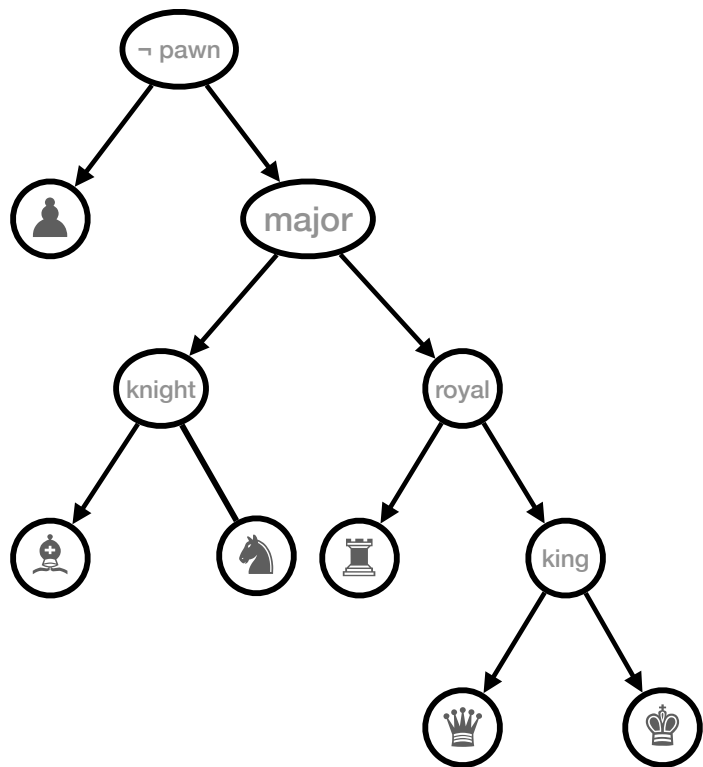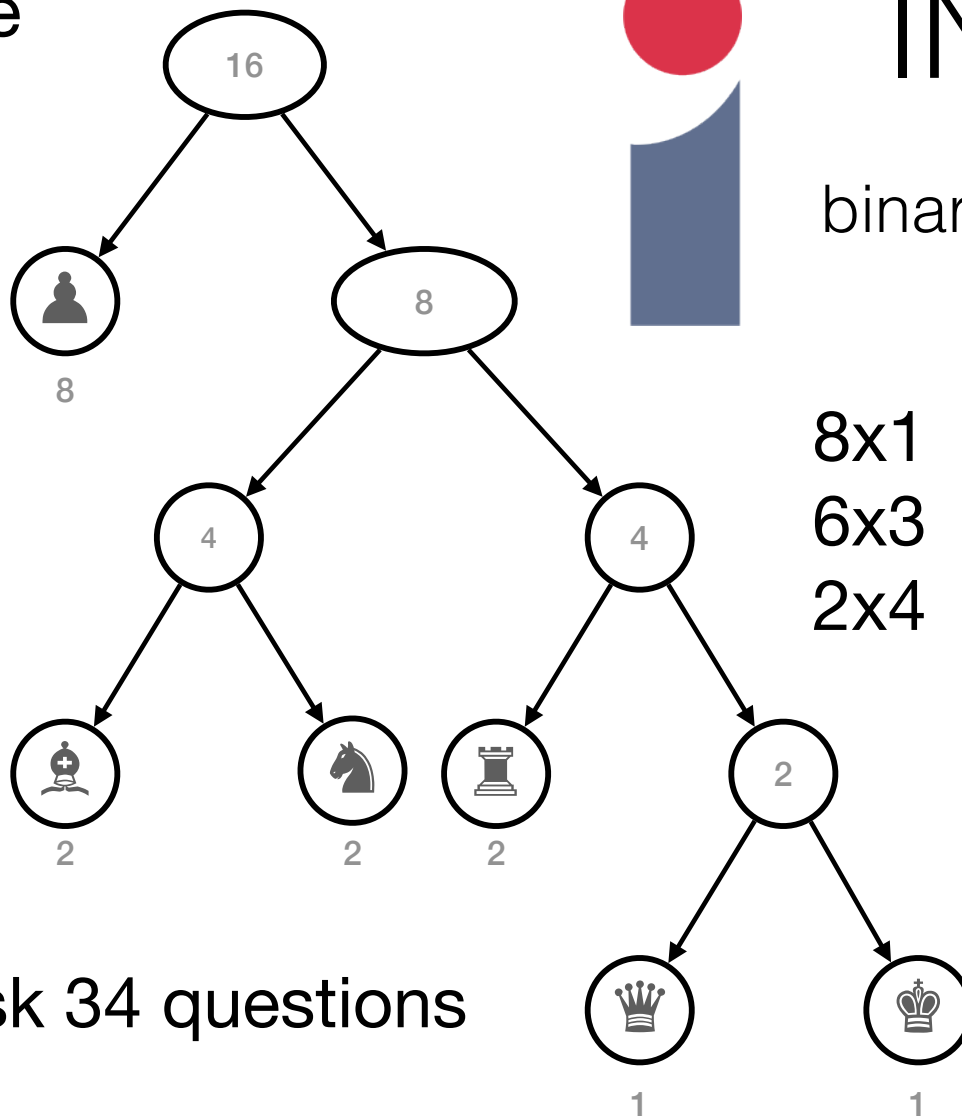
decision tree

INF1A

binary questions

8x1
6x3   total = 34
2x4

to check every piece, ask 34 questions