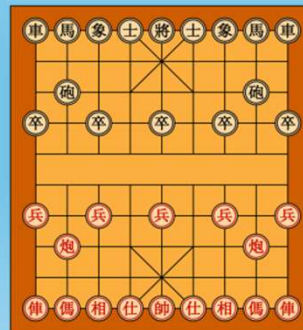
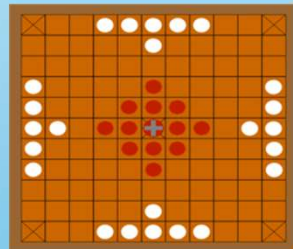


# Chess

Not just Chaturanga anymore



# Agenda (not hidden)

- Introduction
- A brief history
- Not Covered (today)
- What others play (or played)
  - Hnefatafl (Vikings)
  - Xiangqi (Chinese Chess)
  - Shogi (Japanese Chess)
- Other chess
  - Pronunciation
  - About
  - Pieces
  - Rules/Moves/Winning
  - Variants

Folio, P., & Folio, K. (Year). Title of the illustration (if any). In Author of the Book (Ed.), Agatha Heterodyne, Girl Genius (p. page number). Publisher.



## About me (Woody) and caveats

- I enjoy chess (that does not mean I am GOOD at chess)
- I am NOT Norse, Chinese, nor Japanese!
- Yes, you can get a copy of these slides (GitHub or Thumb Drive)
- I have each of these HERE if you want to try. . .
- Electronic versions are available on the Apple Store
- The internet is your friend
- No – this is NOT a standup comedy routine

Folio, P., & Folio, K. (2011). In Agatha Heterodyne and the Beetleburg Clank (Prologue). Airship Entertainment.

# What this is NOT

- Star Trek Chess (tri-Dimensional)
  - Interesting
  - I have never played
- 3 Person Chess
  - I have never played this either
- 3-d Chess (Strato-3D)
  - This, I have played



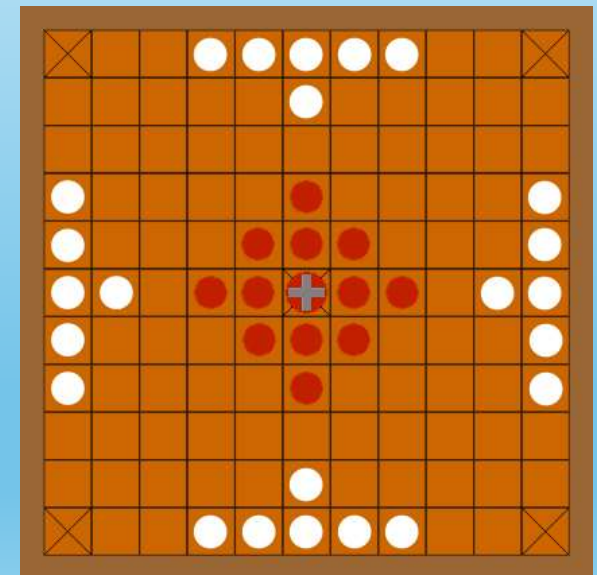
# Chaturanga

- First (original?) Chess
  - Viking Chess – evolved from a Roman game
- India 7<sup>th</sup> Century AD (however, possibly 5000 years earlier)
  - Strategy (my interest in Military History and Military Strategy)
- Migrated and evolved
  - West – Chess, Shatranj (Persian), Chaturaji (4 person), Tamerlane Chess
  - North – Xiangqi
- Some of the limitations on pieces stayed during the north migration (e.g. Elephant only moves 2 spaces, no ‘jumping’)



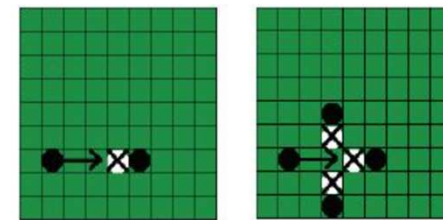
# Hnefatafl (Viking Chess – VC)

- Pronunciation
- About
  - A number of variants of Tafl games.
  - Adapted from a Roman Game (Ludus latrunculorum)
  - 4<sup>th</sup> – 18<sup>th</sup> centuries, table games in various forms of which Skáktafl (chess) is one)
  - Modern vs original (rules not written down)
  - Developed differently at different locations. Archaeologists have found editions in places such as Ireland and Ukraine
- Board – 11x11
- Pieces
  - King (Defender only)
  - Pawns (Swedes - Defenders) Around the king
  - Pawns (Muscovites – Attackers) Edge

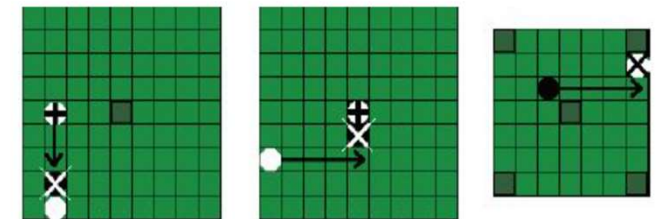


# Hnefatafl (Viking Chess – VC)

- Rules/Moves/Winning
  - Pieces (either side) move like the rook in Chess – any number of unoccupied squares
  - Capturing – one piece on both sides of opposing piece (exceptions on blocked squares)
- Goal
  - King gets to corner
  - Attackers ‘capture’ king
- Variants
  - Various Tafl games

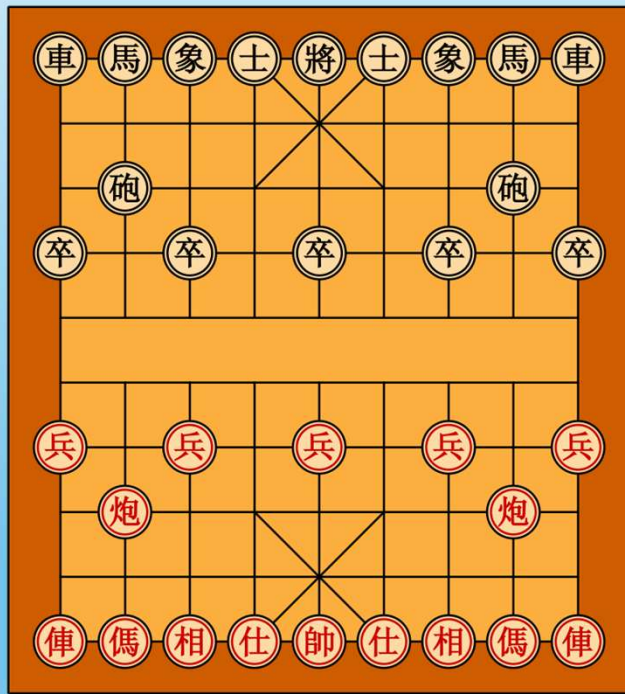


*Capture of pieces.*



*Capture of pieces.*

# Xiangqi (Chinese Chess – CC)

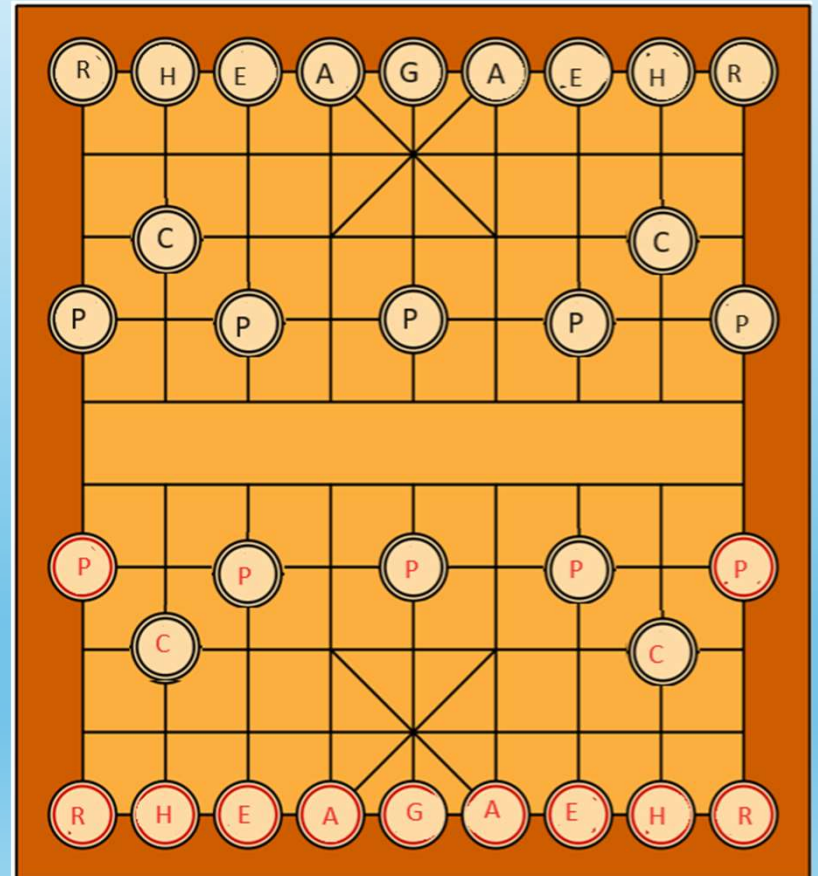


- Pronunciation
- About



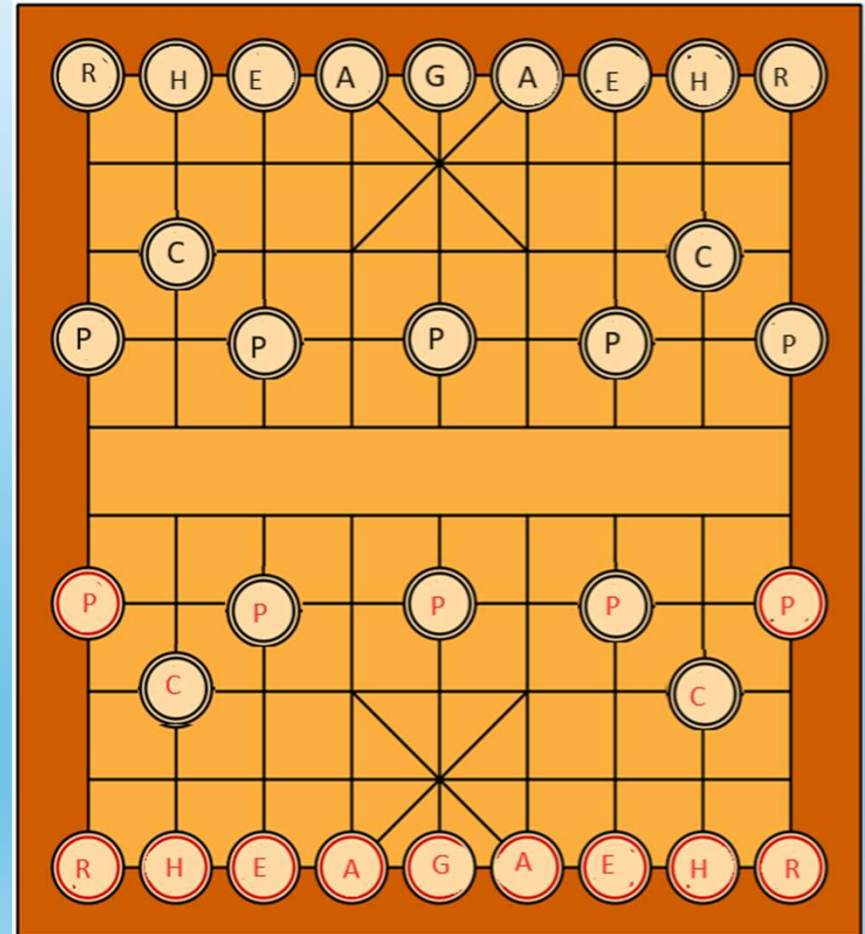
# Xiangqi (Chinese Chess – CC)

- General (King)
  - Cannot leave Palace
  - Cannot 'see' the opposing General
  - 1 orthogonally
- Advisor (Guards)
  - Cannot leave the Palace
  - 1 diagonally
- Elephant
  - 2 spaces diagonally
  - 'blocking' the elephant's eye



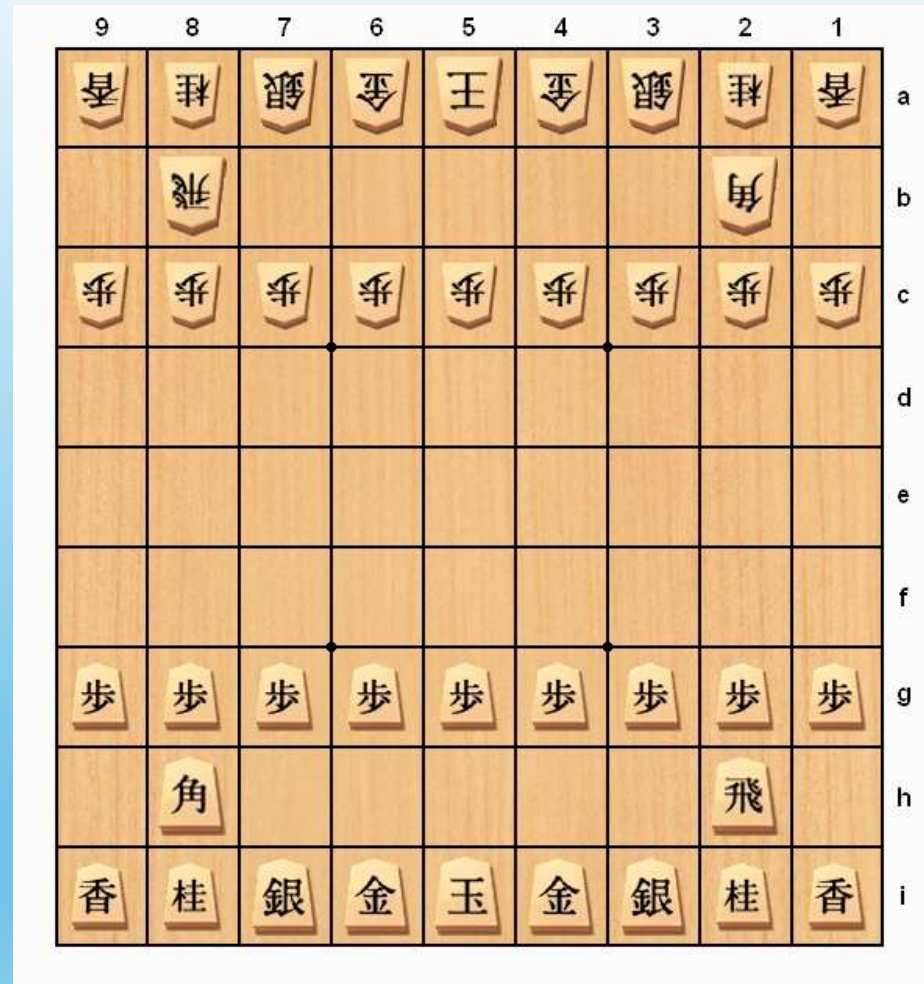
# Xiangqi (Chinese Chess – CC)

- Horse (Knight)
  - 1 space orthogonally, then 1 space diagonally
  - ‘hobbling the horse’s leg’
- Chariot (Rook)
  - Similar to rook in chess – orthogonally, no jumping
- Cannon
  - Moves like Chariot,
  - To capture MUST jump an intervening piece
- Soldier
  - One space forward
  - Once across river . . .



# Shogi

- Pronunciation
- About
- Pieces
- Rules/Moves/Winning
- Variants



# Shogi

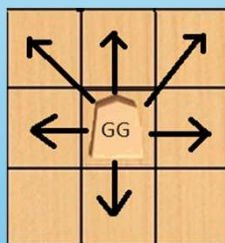
- Pieces (Moves, Promotion)

- King

- 1 Space, any direction
- Cannot be promoted ☹️

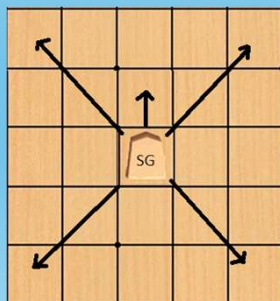
- Gold General (x2)

- Cannot be promoted
- 1 Step at a time



- Silver General (x2)

- 1 step forward
- Any number diagonally
- Promotes to Gold General



9	8	7	6	5	4	3	2	1	
L	Kn	SG	GG	K	GG	SG	Kn	L	a
	R						B		b
P	P	P	P	P	P	P	P	P	c
									d
									e
									f
P	P	P	P	P	P	P	P	P	g
	B						R		h
L	Kn	SG	GG	K	GG	SG	Kn	L	i

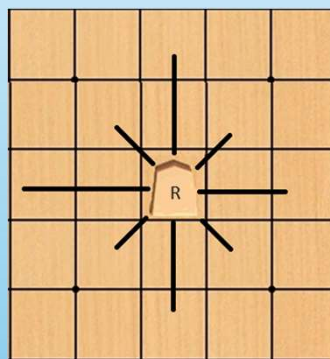


# Shogi

- Pieces (Moves, Promotion)

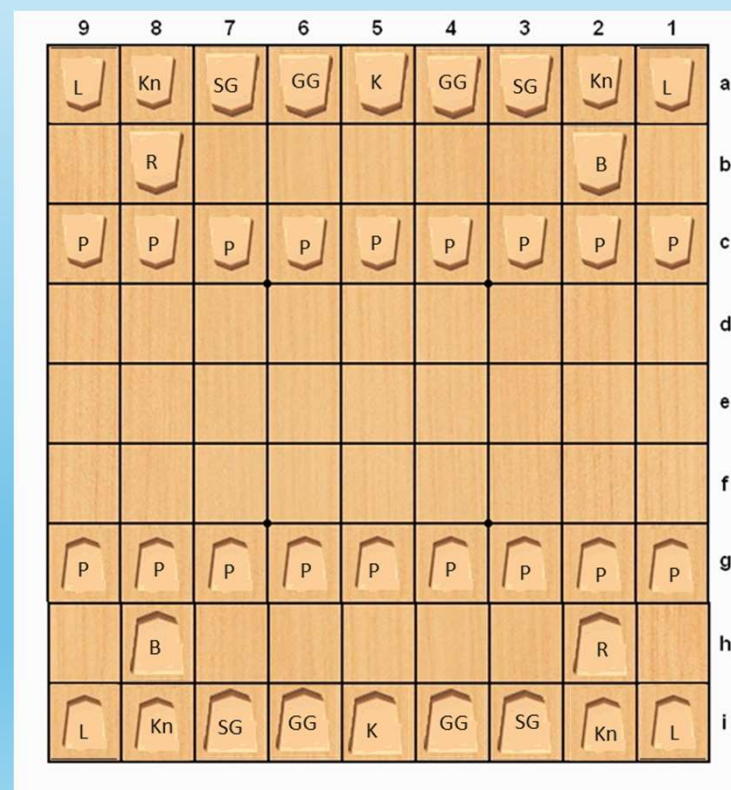
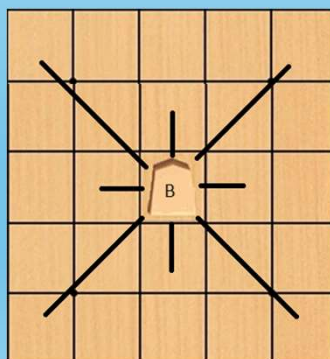
- Rook (x1)

- Unlimited, Horizontal/Vertical
- Promotes to Dragon (adds 1 space diagonally)



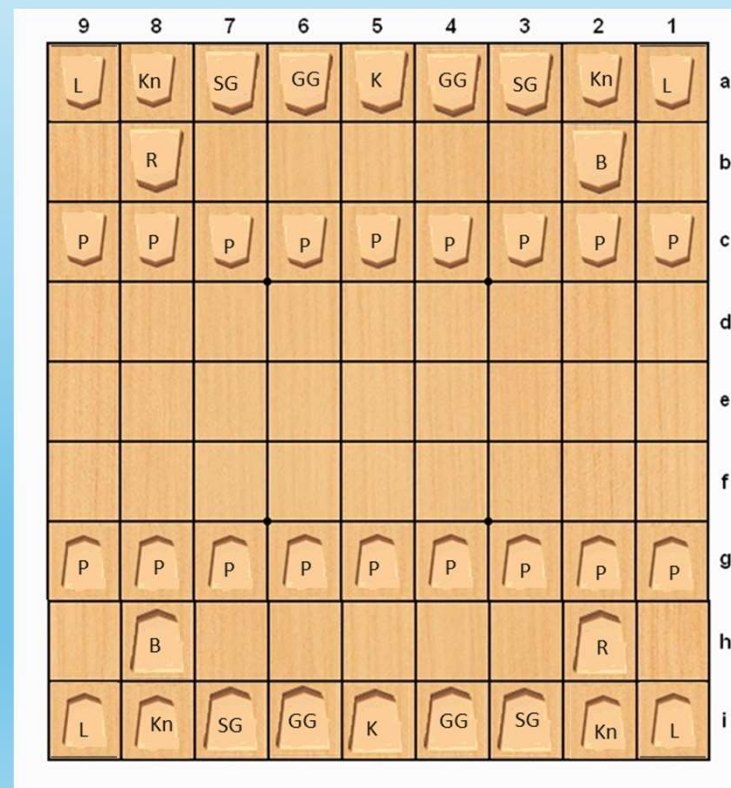
- Bishop (x1)

- Unlimited Diagonally
- Promotes to Horse
- (adds 1 space Horizontal/Vertical)



# Shogi

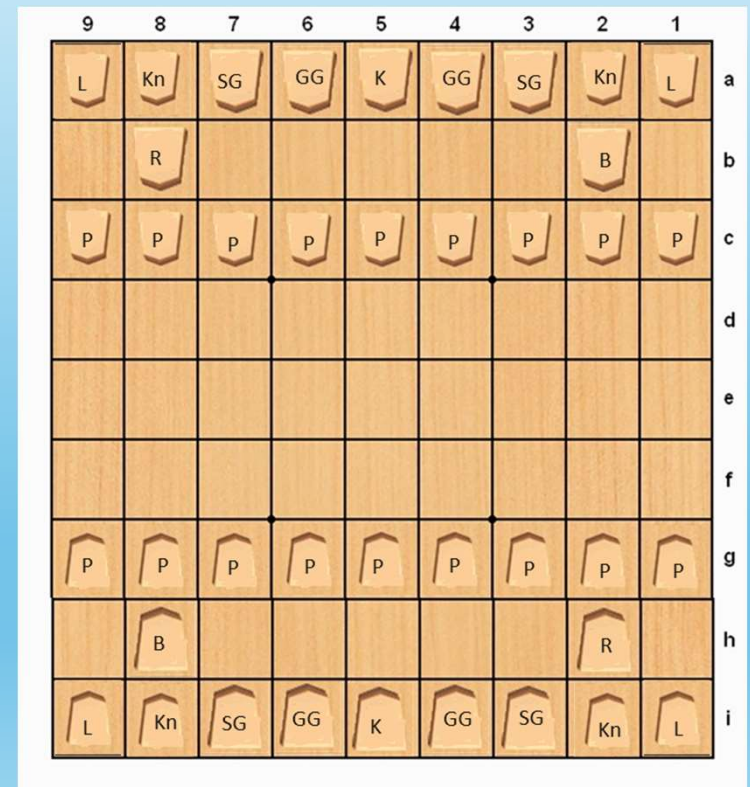
- Pieces (Moves, Promotion)
- Knight (x2)
  - 2 Steps Forward, 1 Step to either side
  - Can jump
  - Note – steps **FORWARD**
  - Promoted Knight moves like Gold General
- Lance (x2)
  - Unlimited Vertically **forward**
  - Promoted Lance moves like Gold General





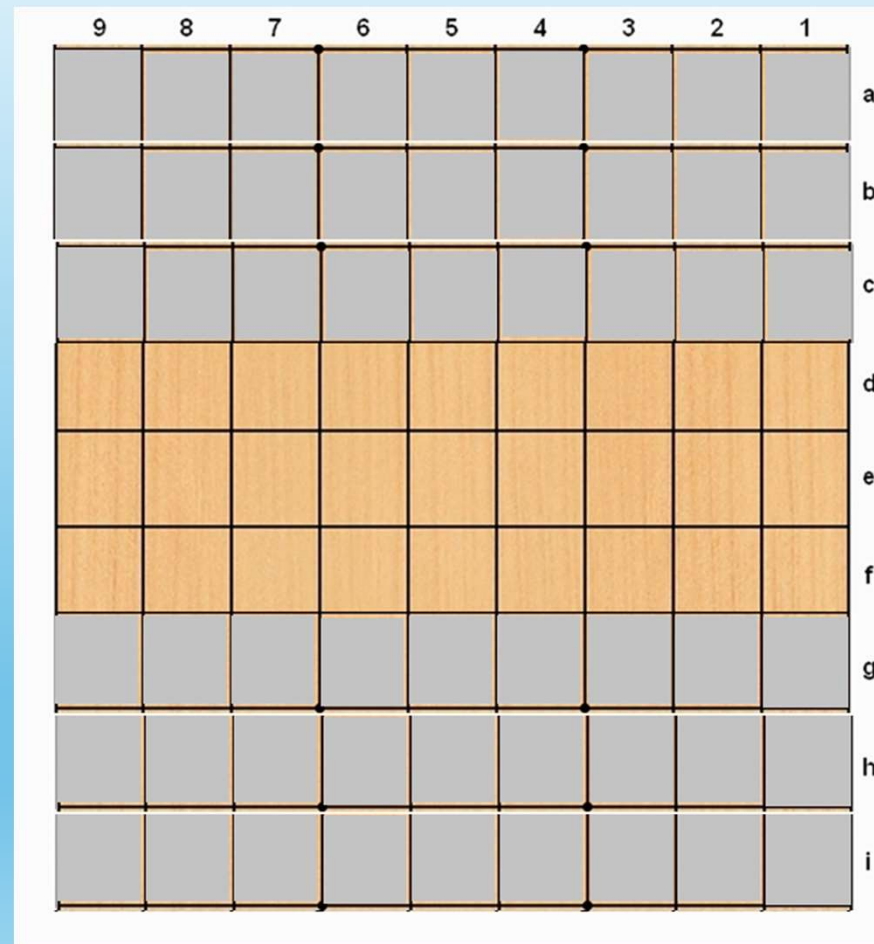
# Shogi

- Pieces (Moves, Promotion)
- Pawn (x9)
  - 1 Step Forward
  - Captures forward
  - Promoted Pawn moves like Gold General



# Shogi

- Pieces (Promotion, Captures)
- Promotion
  - Last 3 ranks in YOUR direction of motion
  - Promotion is voluntary
- Captures
  - During your turn, you may 'drop' (place) a piece YOU captured on the board
  - Dropped pieces are the unpromoted piece
  - Can drop in the promotion zone (and promote next turn)
  - Cannot drop Knight where it cannot move (e.g. last rank)

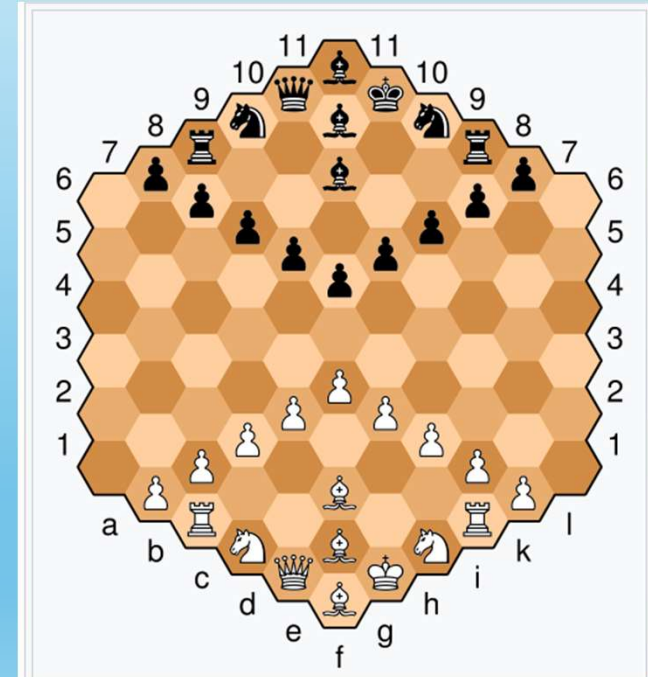


# Variants

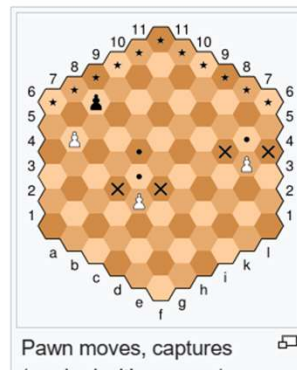
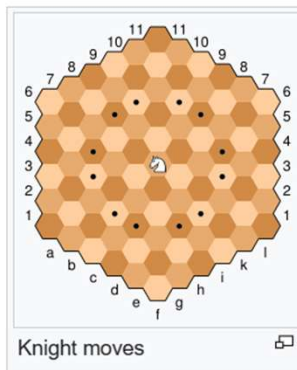
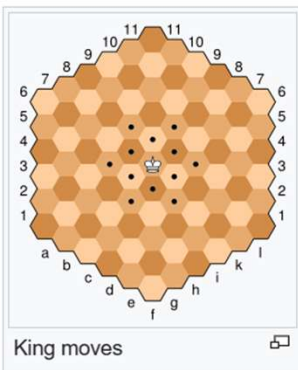
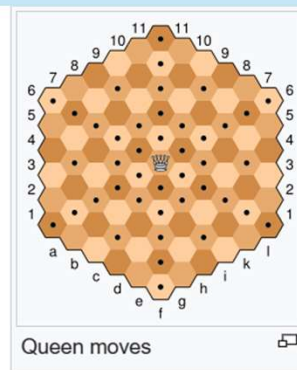
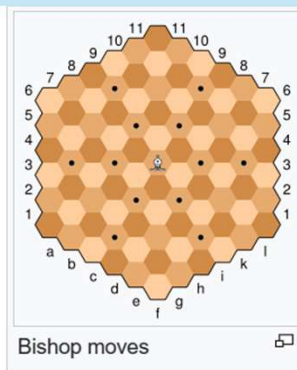
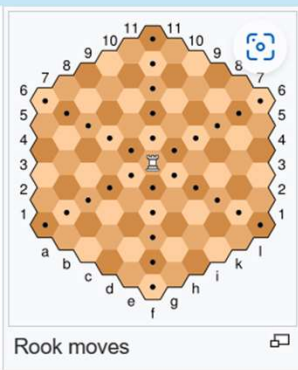
- Hnefatafl
- Xiangqi
  - Janggi (Korean Chess – no river)
  - Game of the three Kingdoms
- Chess
  - Hexagonal Chess
  - Chaturaji (4 person Chess)

# Hexagonal Chess

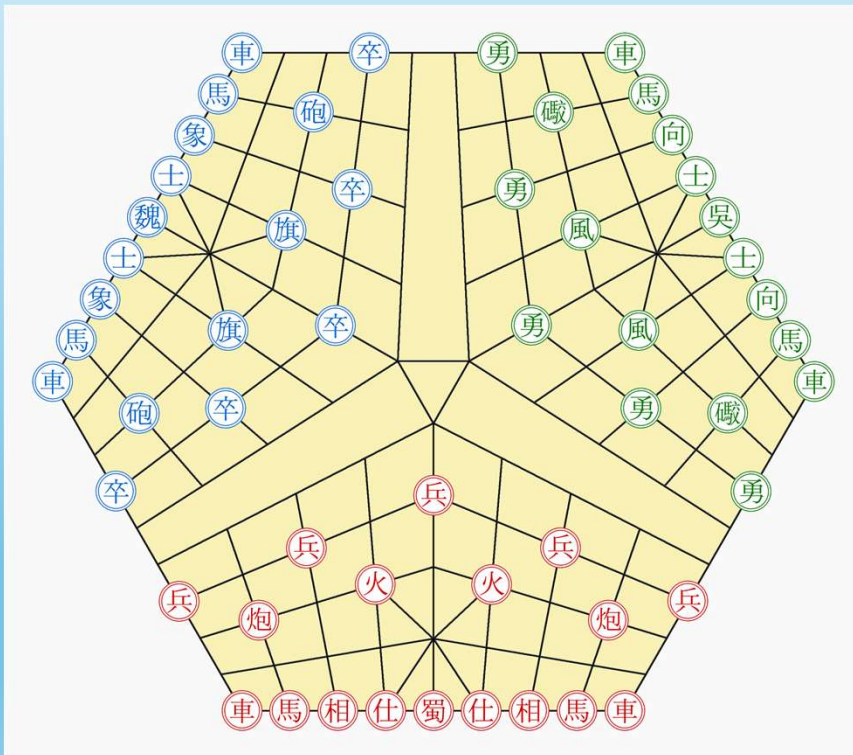
- Glinski Variant
- Additional Pawn and Additional Bishop
- Bishops move 'diagonally' along the same colored tiles.
- No en passant



# Hexagonal Chess



# Game of Three Kingdoms



- About
  - From the Warring States Period
  - Red, Green, Blue pieces
  - The side that 'defeats one of the others takes over the remaining pieces
- Pieces
  - Same as Chinese Chess



# Chaturaji



Chaturaji starting position. Individual armies are distinguished by colour.

# References

- Books

- Shogi - Japanese Chess (by Mountain, Yellow)
- Shogi Primer: Japanese chess guide for English speakers ISBN 979-8-7552-5331-4
- Xiangqi For Absolute Beginners ISBN 9789671436219
- Xiangqi or Chinese Chess Book of Board Game Strategy ISBN 979-8-501-16897-8
- An Introduction to Hnefatafl ISBN 978-1-326-37233-0

# References

- Links

- Hexagonal Chess [Hexagonal chess – Wikipedia](#)
- [Tafl games – Wikipedia](#)
- [The Rules Of Hnefatafl: Learn To Play “Viking Chess” – Let's Play Hnefatafl! \(letsplayhnefatafl.com\)](#)
- [Shogi – Wikipedia](#)
- <https://ocfchess.org/chaturanga/>
- [Chaturanga – Wikipedia](#)
- [Waldkopf/Chess: Presentation on 'other' forms of chess \(Viking, Chinese, Japanese\) \(github.com/Waldkopf/chess\)](#)