



Week 2 – 2/26/24



1. Review/Continue Week 1

- How the pieces move
- Play the Knights race

2. Learn Pawn moves and Pawn promotion.

3. Basic Endgame 1 “What is Mate?” + Notation Record K & Q vs K Mate.

4. Introduction to the chess clock

5. The initial position

6. Introduction to Opening Principles (What is the center in chess?)

7. Play Through a Demonstration Opening

1. Chess Board
2. Pieces
3. Endgame
4. Tournaments
5. Openings
6. Play



Week 2 - Step 1



Week 2 - Goals

1. Basic Tactics – Easy Examples
 - A. Fork
 - B. Pin
 - C. Skewer
 - D. Decoy Sacrifice
2. Basic Tactics – Calculation Practice
 - A. Fork
 - B. Pin
 - C. Skewer
 - D. Decoy Sacrifice

Week 2 – Continued

3. Basic Mating Patterns and Calculation Practice
 - A. Anastasia
 - B. Arabian
 - C. Blackburne
 - D. Damiano
4. Basic Mates
 - A. Mate with 2 Rooks
 - B. Mate with 1 Rook
5. Let's try to Calculate
- 4 Positions

Introduction To Simple Tactics

To Move: White, White, White, Black

Fork



Pin



Skewer



Decoy Sacrifice



	White	Black		White	Black		White	Black		White	Black
1			1			1			1		
2			2			2			2		
3			3			3			3		
4			4			4			4		
5			5			5			5		
6			6			6			6		
7			7			7			7		
8			8			8			8		
9			9			9			9		
10			10			10			10		
11			11			11			11		
12			12			12			12		

Introduction To Simple Tactics (2)

To Move: Black, White, Black, Black

Fork



Pin



Skewer



Decoy Sacrifice



	White	Black		White	Black		White	Black		White	Black
1			1			1			1		
2			2			2			2		
3			3			3			3		
4			4			4			4		
5			5			5			5		
6			6			6			6		
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9			9			9			9		
10			10			10			10		
11			11			11			11		
12			12			12			12		

Introduction to Basic Mating Patterns

All White To Move

Anastasia



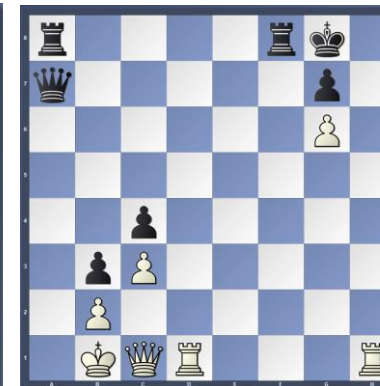
Arabian



Blackburne



Damiano

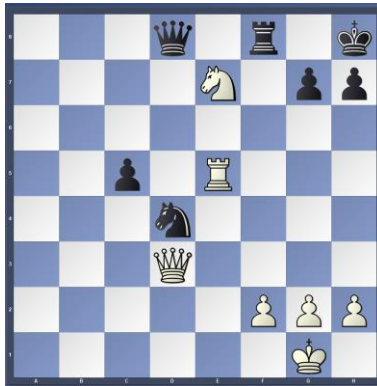


	White	Black		White	Black		White	Black		White	Black
1			1			1			1		
2			2			2			2		
3			3			3			3		
4			4			4			4		
5			5			5			5		
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11			11			11			11		
12			12			12			12		

Introduction to Basic Mating Patterns (2)

To Move: White, Black, White, Black

Anastasia



Arabian



Blackburne



Damiano



	White	Black		White	Black		White	Black		White	Black
1			1			1			1		
2			2			2			2		
3			3			3			3		
4			4			4			4		
5			5			5			5		
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11			11			11			11		
12			12			12			12		



List of Basic Tactical Motifs



Advanced Pawn	Discovered Check	Simplification
Attraction	Distraction	Skewer
Avoiding Perpetual	Double Check	Trapped Piece
Avoiding Stalemate	Exposed King	Unpinning
Blocking	Fork/Double Attack	Unsound Sacrifice
Capturing	Hanging Piece	Weak Back Rank
Defender	Interference	X-Ray Attack
Clearance	Mate Threat	Zugzwang
Coercion	Overloading	Zwischenzug
Counting	Pin	
Defensive Move	Quiet Move	
Desperado	Sacrifice	
Discovered Attack		



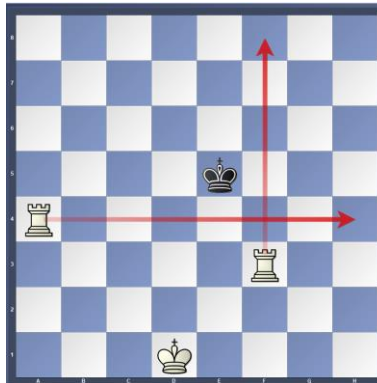
List of Basic Mating Motifs

Anastasia's Mate	Damiano's Mate	Mayet's Mate
Anderssen's Mate	David and Goliath Mate	Morphy's Mate
Arabian Mate	Epaulette Mate	Opera Mate
Back Rank Mate	Fool's Mate	Pillsbury's Mate
Balestra Mate	Greco's Mate	Railroad Mate
Blackburne's Mate	H-file Mate	Reti's Mate
Blind Swine Mate	Hook Mate	Scholar's Mate
Boden's Mate	Kill Box Mate	Smothered Mate
Corner Mate	Lawnmower Mate	Suffocation Mate
Corridor Mate	Légal's Mate	Swallow's Tail Mate (Gueridon Mate)
Diagonal Corridor Mate	Lolli's Mate	Triangle Mate
Cozio's Mate (Dovetail Mate)	Max Lange's Mate	Vukovic Mate

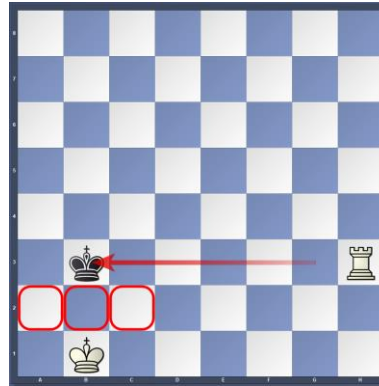
Introduction to Basic Mates

All - White to Move

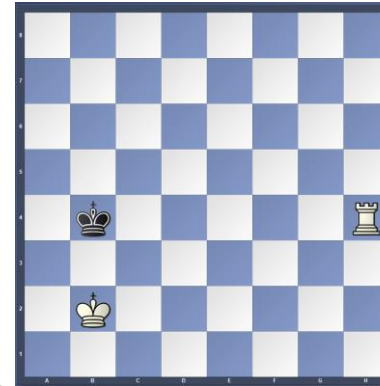
K+2Rs vs K



K+R vs K (m1)



K+R vs K (m2)



JFF – Mate in 3



	White	Black		White	Black		White	Black		White	Black
1			1			1			1		
2			2			2			2		
3			3			3			3		
4			4			4			4		
5			5			5			5		
6			6			6			6		
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Thoughts on Calculation



Aagaard, The most important skills are “**Calculation**, Positional Evaluation, and long-term abstract thinking”

Andras, Of all the skills required in chess – **Calculation** is perhaps 70% of the requirement.

Ramesh, Identifies **Calculation** to be the skill that contributes the most to chess growth.

Gelfand, No matter what level you reach, it is important to keep your mind sharp and ensure that your **Calculation** is as quick and precise as it can be.

An Algorithm

1. Are there any checks?
2. Are there any captures?
3. Are there any threats?
4. Are there any pawn breaks?

There are several processes recommended to find your next move above is perhaps the simplest – We will introduce other thinking techniques in Step2.

Let's Try to Calculate

All - White to Move

Exercise 1



Exercise 2



Exercise 3



Exercise 4



	White	Black		White	Black		White	Black		White	Black
1			1			1			1		
2			2			2			2		
3			3			3			3		
4			4			4			4		
5			5			5			5		
6			6			6			6		
7			7			7			7		
8			8			8			8		
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12			12			12			12		