

# SOLITAIRE CHESS

MAGNETIC TRAVEL PUZZLE

Capture a piece with every move  
until only ONE remains!



## INSTRUCTIONS



8+  1+

# CHALLENGE YOUR BRAIN WITH 120 UNIQUE CHESS PUZZLES!

You may think you know chess, but Solitaire Chess® bends the traditional rules into a fast-paced logic puzzle. With every move requiring a capture to take place, you will have to be strategic to make sure every piece but one is eliminated by the end!

Featuring more Challenges than ever before, the Solitaire Chess Magnetic Travel Puzzle is perfect for exercising your chess skills on the go!

## YOUR GOAL

Capture the chess pieces until only one piece remains on the board.

## CHALLENGE ICONS & PIECES



King



Knight



Queen



Rook



Bishop

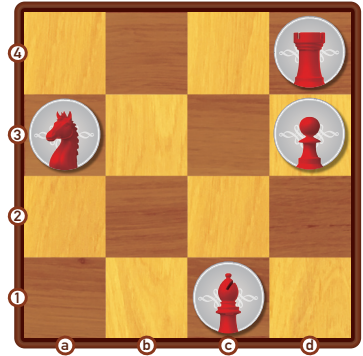
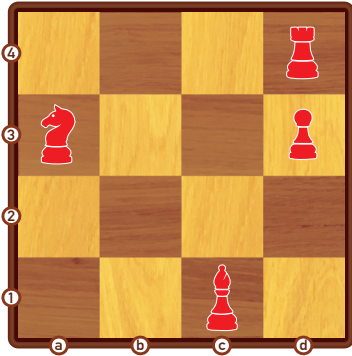


Pawn



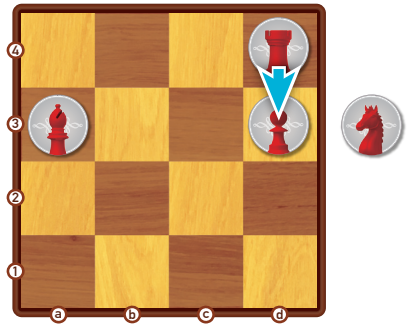
## SETUP:

Select a Challenge from the booklet. Use the Tokens to match the Challenge setup on the magnetic board in the back of the booklet.

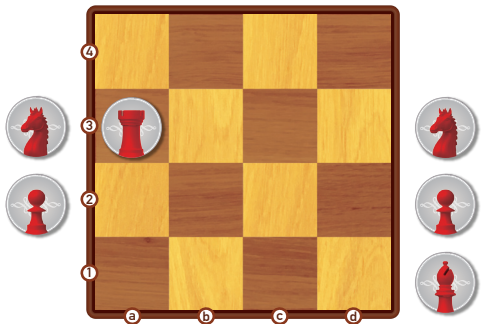
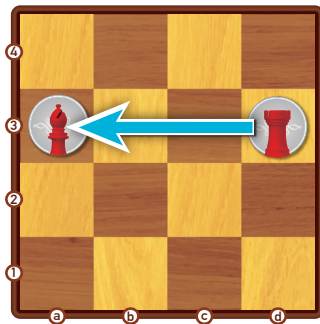


## HOW TO PLAY

1. Move the Tokens according to the movement rules (pages 4-5).  
In each move, one piece **MUST** capture another.



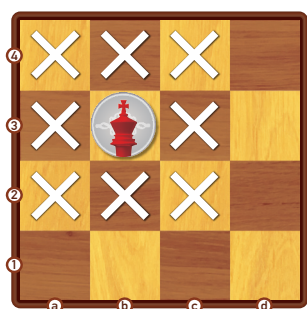
2. If at any point you are left with two or more Tokens on the board and no more possible captures, reset the Challenge and try again!
3. When there is only one Token left on the board – **YOU WIN!**



**YOU WIN!**

## MOVEMENT RULES

All of the piece movement rules in Solitaire Chess® are the same as in standard chess.



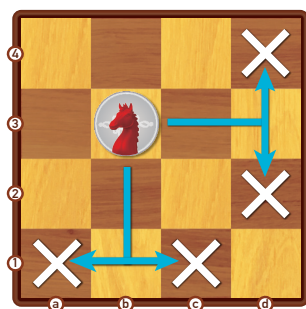
The **King** captures after moving exactly one square horizontally, vertically, or diagonally.

The King is a special piece. In Solitaire Chess, the Challenges are designed so that the King will **never be captured**.

In Challenges featuring the King, it will always be the last Token on the board.

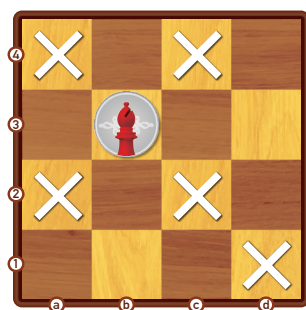


The **Queen** captures after moving across any number of empty squares horizontally, vertically, or diagonally. It cannot jump over other pieces on its way to capture another piece.

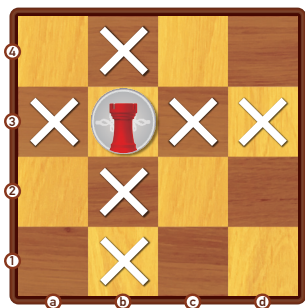


**Knights** capture after moving in an “L” (or inverted “L”) with two steps in one direction, a 90° turn, and one step in the new direction.

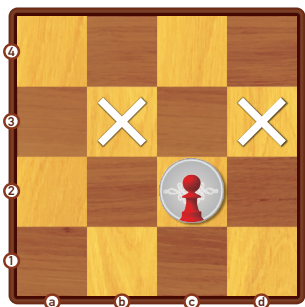
Knights are the only pieces that can jump over other pieces. They capture only the piece that occupies the final square of their move.



**Bishops** capture after moving across any number of empty squares diagonally. They cannot “bounce” against the edges of the board and change direction.



**Rooks** capture after moving across any number of empty squares vertically or horizontally.



**Pawns** capture after moving diagonally up one space. In Solitaire Chess, pawns can only move upward (towards the top of the booklet). Unlike regular chess, pawns are not promoted when they reach the top row.

## ABOUT THE INVENTOR

Solitaire Chess was invented by Vesa Timonen, a software engineer living in Finland. His interests include puzzles, magic, programming, and woodworking. Vesa has invented many ThinkFun products, including Balance Beans®, Tilt™, and Pocket Brainteasers: REC-Tangle™.

# SOLUTIONS

**Beginner 1:**

a2 → b3  
b3 → a4

**Beginner 2:**

b4 → a2  
a2 → c3

**Beginner 3:**

a2 → b3  
c4 → b3  
b3 → c2

**Beginner 4:**

a1 → a3  
c2 → a3  
a3 → c4

**Beginner 5:**

a1 → b2  
b2 → c3  
c3 → b4

**Beginner 6:**

a1 → b3  
c4 → b3  
b3 → a4

**Beginner 7:**

d3 → a3  
b2 → a3  
a3 → b4

**Beginner 8:**

b2 → a1  
a1 → c3  
c3 → b4

**Beginner 9:**

a2 → b3  
b2 → b3  
b3 → c3

**Beginner 10:**

a1 → b3  
a2 → b3  
b3 → c3

**Beginner 11:**

a3 → a2  
a2 → b3  
b3 → c4

**Beginner 12:**

c3 → a2  
b1 → a2  
a2 → c4

**Beginner 13:**

b4 → a2  
a2 → c3  
c3 → b1

**Beginner 14:**

d3 → b2  
a1 → b2  
b2 → a3

**Beginner 15:**

a1 → b2  
c4 → b2  
b2 → a4

**Beginner 16:**

c4 → c3  
a2 → c3  
c3 → b1

**Beginner 17:**

b2 → c4  
a4 → c4  
c4 → c1

**Beginner 18:**

a2 → b3  
d3 → b3  
b3 → b4

**Beginner 19:**

b2 → b3  
d2 → b3  
b3 → a1

**Beginner 20:**

d4 → a4  
b2 → a4  
a4 → c3

**Beginner 21:**

b3 → c4  
c4 → a2  
a2 → d2

**Beginner 22:**

b2 → a4  
c4 → a4  
a4 → a1

**Beginner 23:**

d3 → c3  
a1 → c3  
c3 → b4

**Beginner 24:**

c4 → c3  
a2 → c3  
c3 → b1

**Beginner 25:**

d3 → b2  
b3 → b2  
b2 → a2

**Beginner 26:**

b4 → c4  
c4 → c3  
c3 → a3

**Beginner 27:**

b3 → a2  
c2 → a2  
a2 → a1

**Beginner 28:**

b1 → a2  
a2 → b2  
b2 → c3

**Beginner 29:**

c2 → a2  
a2 → b1  
b1 → b4

**Beginner 30:**

a1 → a3  
a4 → a3  
a3 → b4  
b4 → d2

**Intermediate 31:**

$a1 \rightarrow a3$   
 $a3 \rightarrow d3$   
 $c2 \rightarrow d3$   
 $d3 \rightarrow c4$

**Intermediate 37:**

$a1 \rightarrow a4$   
 $d3 \rightarrow b2$   
 $b2 \rightarrow a4$   
 $a4 \rightarrow c3$

**Intermediate 43:**

$b3 \rightarrow d4$   
 $d4 \rightarrow c2$   
 $c2 \rightarrow b4$   
 $b4 \rightarrow a2$

**Intermediate 49:**

$d3 \rightarrow b3$   
 $a1 \rightarrow b3$   
 $c2 \rightarrow b3$   
 $b3 \rightarrow c4$

**Intermediate 32:**

$b2 \rightarrow a1$   
 $a1 \rightarrow c3$   
 $b4 \rightarrow c3$   
 $c3 \rightarrow d3$

**Intermediate 38:**

$a1 \rightarrow b1$   
 $b1 \rightarrow b3$   
 $c2 \rightarrow b3$   
 $b3 \rightarrow c4$

**Intermediate 44:**

$a4 \rightarrow a1$   
 $a1 \rightarrow c1$   
 $c1 \rightarrow c3$   
 $c3 \rightarrow b3$

**Intermediate 50:**

$a4 \rightarrow a2$   
 $b1 \rightarrow a2$   
 $c3 \rightarrow a2$   
 $a2 \rightarrow c1$

**Intermediate 33:**

$a2 \rightarrow c3$   
 $c3 \rightarrow a4$   
 $a4 \rightarrow b2$   
 $b2 \rightarrow d3$

**Intermediate 39:**

$b4 \rightarrow b3$   
 $c2 \rightarrow a1$   
 $a1 \rightarrow b3$   
 $b3 \rightarrow d2$

**Intermediate 45:**

$c2 \rightarrow a1$   
 $a1 \rightarrow b3$   
 $b2 \rightarrow b3$   
 $b3 \rightarrow d3$

**Intermediate 51:**

$b2 \rightarrow c1$   
 $c1 \rightarrow c2$   
 $c2 \rightarrow b3$   
 $b3 \rightarrow a4$

**Intermediate 34:**

$b3 \rightarrow d4$   
 $d4 \rightarrow c2$   
 $c2 \rightarrow b4$   
 $b4 \rightarrow a2$

**Intermediate 40:**

$b3 \rightarrow a1$   
 $a1 \rightarrow c2$   
 $a4 \rightarrow c2$   
 $c2 \rightarrow d3$

**Intermediate 46:**

$a3 \rightarrow b3$   
 $b3 \rightarrow b2$   
 $b2 \rightarrow b4$   
 $b4 \rightarrow c4$

**Intermediate 52:**

$a3 \rightarrow c3$   
 $a4 \rightarrow c3$   
 $a1 \rightarrow c3$   
 $c3 \rightarrow d2$

**Intermediate 35:**

$a3 \rightarrow c4$   
 $c4 \rightarrow b2$   
 $b3 \rightarrow b2$   
 $b2 \rightarrow a1$

**Intermediate 41:**

$b1 \rightarrow a2$   
 $a2 \rightarrow b3$   
 $d4 \rightarrow b3$   
 $b3 \rightarrow a1$

**Intermediate 47:**

$b1 \rightarrow c3$   
 $a3 \rightarrow a1$   
 $a1 \rightarrow c3$   
 $c3 \rightarrow c4$

**Intermediate 53:**

$a1 \rightarrow c2$   
 $b3 \rightarrow a4$   
 $a4 \rightarrow c2$   
 $c2 \rightarrow d2$

**Intermediate 36:**

$d1 \rightarrow a1$   
 $b2 \rightarrow a1$   
 $a1 \rightarrow c3$   
 $c3 \rightarrow b4$

**Intermediate 42:**

$b2 \rightarrow c4$   
 $a2 \rightarrow d2$   
 $c4 \rightarrow d2$   
 $d2 \rightarrow b1$

**Intermediate 48:**

$d4 \rightarrow d1$   
 $d1 \rightarrow a1$   
 $a1 \rightarrow a3$   
 $a3 \rightarrow c3$

**Intermediate 54:**

$a4 \rightarrow b4$   
 $b4 \rightarrow b1$   
 $a2 \rightarrow b1$   
 $b1 \rightarrow d3$

# SOLUTIONS cont'd.

## Intermediate 55:

$a4 \rightarrow b3$   
 $a2 \rightarrow b1$   
 $b1 \rightarrow b3$   
 $b3 \rightarrow c3$

## Intermediate 56:

$a2 \rightarrow a1$   
 $a3 \rightarrow c1$   
 $c1 \rightarrow a1$   
 $a1 \rightarrow d4$

## Intermediate 57:

$a3 \rightarrow c1$   
 $c4 \rightarrow c1$   
 $a2 \rightarrow c1$   
 $c1 \rightarrow b3$

## Intermediate 58:

$b3 \rightarrow a2$   
 $b4 \rightarrow b2$   
 $a2 \rightarrow b2$   
 $b2 \rightarrow c1$

## Intermediate 59:

$c2 \rightarrow b3$   
 $b3 \rightarrow a4$   
 $b4 \rightarrow a4$   
 $a4 \rightarrow a1$

## Intermediate 60:

$d4 \rightarrow b2$   
 $b2 \rightarrow c1$   
 $d3 \rightarrow c1$   
 $c1 \rightarrow a2$

## Advanced 61:

$d3 \rightarrow c2$   
 $c2 \rightarrow a4$   
 $c3 \rightarrow a4$   
 $a4 \rightarrow a1$

## Advanced 62:

$c4 \rightarrow b2$   
 $d2 \rightarrow b2$   
 $a3 \rightarrow b2$   
 $b2 \rightarrow a1$

## Advanced 63:

$a2 \rightarrow b3$   
 $d1 \rightarrow c2$   
 $c2 \rightarrow b3$   
 $d3 \rightarrow b3$   
 $b3 \rightarrow b4$

## Advanced 64:

$a4 \rightarrow b4$   
 $b4 \rightarrow b2$   
 $c1 \rightarrow b2$   
 $a3 \rightarrow b2$   
 $b2 \rightarrow a1$

## Advanced 65:

$c3 \rightarrow d4$   
 $d4 \rightarrow b2$   
 $a1 \rightarrow b2$   
 $b3 \rightarrow b2$   
 $b2 \rightarrow c2$

## Advanced 66:

$a3 \rightarrow b3$   
 $a2 \rightarrow a4$   
 $a4 \rightarrow c4$   
 $b3 \rightarrow c4$   
 $c4 \rightarrow d3$

## Advanced 67:

$b4 \rightarrow a4$   
 $a4 \rightarrow a2$   
 $a2 \rightarrow c2$   
 $b3 \rightarrow c2$   
 $c2 \rightarrow d3$

## Advanced 68:

$b2 \rightarrow c1$   
 $d2 \rightarrow c1$   
 $c3 \rightarrow c1$   
 $c1 \rightarrow c4$   
 $c4 \rightarrow a4$

## Advanced 69:

$b1 \rightarrow d3$   
 $c3 \rightarrow d3$   
 $d3 \rightarrow a3$   
 $b2 \rightarrow a3$   
 $a3 \rightarrow b4$

## Advanced 70:

$c1 \rightarrow c2$   
 $b3 \rightarrow c2$   
 $a3 \rightarrow c3$   
 $c2 \rightarrow c3$   
 $c3 \rightarrow d4$

## Advanced 71:

$d3 \rightarrow c2$   
 $b3 \rightarrow d4$   
 $d4 \rightarrow c2$   
 $c1 \rightarrow c2$   
 $c2 \rightarrow a2$

## Advanced 72:

$c3 \rightarrow a1$   
 $d3 \rightarrow c2$   
 $b4 \rightarrow c2$   
 $c2 \rightarrow a1$   
 $a1 \rightarrow b3$

## Advanced 73:

$b2 \rightarrow d3$   
 $d3 \rightarrow b4$   
 $b4 \rightarrow a2$   
 $c4 \rightarrow a2$   
 $a2 \rightarrow a1$

## Advanced 74:

$c3 \rightarrow b4$   
 $d4 \rightarrow b4$   
 $b4 \rightarrow b2$   
 $a1 \rightarrow b2$   
 $b2 \rightarrow c1$

## Advanced 75:

$c1 \rightarrow a2$   
 $d4 \rightarrow b2$   
 $b1 \rightarrow b2$   
 $b2 \rightarrow a2$   
 $a2 \rightarrow a3$

## Advanced 76:

$a1 \rightarrow a2$   
 $d1 \rightarrow b3$   
 $b3 \rightarrow a2$   
 $c1 \rightarrow a2$   
 $a2 \rightarrow b4$



**Advanced 77:**

$a3 \rightarrow c4$   
 $c4 \rightarrow b2$   
 $a1 \rightarrow b2$   
 $b2 \rightarrow c3$   
 $d2 \rightarrow c3$

**Advanced 78:**

$b2 \rightarrow c1$   
 $c1 \rightarrow a3$   
 $a3 \rightarrow b4$   
 $b4 \rightarrow c3$   
 $c3 \rightarrow d4$

**Advanced 79:**

$b4 \rightarrow a2$   
 $a2 \rightarrow c1$   
 $c4 \rightarrow c1$   
 $d2 \rightarrow c1$   
 $c1 \rightarrow a3$

**Advanced 80:**

$b4 \rightarrow a2$   
 $b2 \rightarrow a2$   
 $d4 \rightarrow a1$   
 $a2 \rightarrow a1$   
 $a1 \rightarrow c1$

**Advanced 81:**

$a3 \rightarrow b4$   
 $b4 \rightarrow c3$   
 $c3 \rightarrow a1$   
 $a2 \rightarrow a1$   
 $a1 \rightarrow d1$

**Advanced 82:**

$d2 \rightarrow d4$   
 $b2 \rightarrow d4$   
 $d4 \rightarrow a1$   
 $a3 \rightarrow a1$   
 $a1 \rightarrow c1$

**Advanced 83:**

$a1 \rightarrow b2$   
 $b2 \rightarrow a3$   
 $b4 \rightarrow a3$   
 $c2 \rightarrow a3$   
 $a3 \rightarrow b1$

**Advanced 84:**

$d3 \rightarrow c4$   
 $b2 \rightarrow c4$   
 $c1 \rightarrow a3$   
 $c4 \rightarrow a3$   
 $a3 \rightarrow b1$

**Advanced 85:**

$d3 \rightarrow c4$   
 $b3 \rightarrow c4$   
 $c4 \rightarrow a2$   
 $b4 \rightarrow b2$   
 $b2 \rightarrow a2$   
 $a2 \rightarrow a1$

**Advanced 86:**

$b2 \rightarrow b3$   
 $b3 \rightarrow c3$   
 $c3 \rightarrow c4$   
 $c4 \rightarrow b4$   
 $b4 \rightarrow b1$   
 $b1 \rightarrow a1$

**Advanced 87:**

$b2 \rightarrow c1$   
 $c1 \rightarrow a3$   
 $a3 \rightarrow b4$   
 $b3 \rightarrow b1$   
 $b1 \rightarrow b4$   
 $b4 \rightarrow d4$

**Advanced 88:**

$a1 \rightarrow b3$   
 $b3 \rightarrow c1$   
 $c1 \rightarrow d3$   
 $b1 \rightarrow d3$   
 $d2 \rightarrow d3$   
 $d3 \rightarrow d4$

**Advanced 89:**

$c2 \rightarrow d3$   
 $b4 \rightarrow d3$   
 $d3 \rightarrow b2$   
 $a1 \rightarrow b2$   
 $b2 \rightarrow c3$   
 $d2 \rightarrow c3$

**Advanced 90:**

$d2 \rightarrow c1$   
 $b3 \rightarrow c1$   
 $c1 \rightarrow a2$   
 $c4 \rightarrow a2$   
 $a3 \rightarrow a2$   
 $a2 \rightarrow a1$

**Expert 91:**

$c4 \rightarrow b3$   
 $b1 \rightarrow b3$   
 $b3 \rightarrow c3$   
 $d2 \rightarrow c3$   
 $d4 \rightarrow c3$   
 $c3 \rightarrow a1$

**Expert 92:**

$d4 \rightarrow a4$   
 $a1 \rightarrow b3$   
 $c2 \rightarrow b3$   
 $b3 \rightarrow a4$   
 $b2 \rightarrow a4$   
 $a4 \rightarrow c3$

**Expert 93:**

$d3 \rightarrow d4$   
 $d4 \rightarrow d2$   
 $a1 \rightarrow b3$   
 $c1 \rightarrow d2$   
 $b3 \rightarrow d2$   
 $d2 \rightarrow b1$

**Expert 94:**

$b3 \rightarrow a3$   
 $a3 \rightarrow d3$   
 $a4 \rightarrow c2$   
 $c2 \rightarrow d3$   
 $b4 \rightarrow d3$   
 $d3 \rightarrow c1$

**Expert 95:**

d1 → c2  
a3 → c2  
c2 → a1  
a1 → b3  
b2 → b3  
b3 → b4

**Expert 96:**

b3 → c3  
c4 → a2  
a2 → b1  
b1 → d3  
c3 → d3  
d3 → d4

**Expert 97:**

b3 → a2  
a4 → a2  
a2 → d2  
c1 → d2  
d2 → c3  
c3 → d4

**Expert 98:**

c1 → a2  
c2 → b1  
b2 → d2  
d2 → a2  
b1 → a2  
a2 → c4

**Expert 99:**

a1 → b2  
c3 → b1  
b1 → d2  
c2 → b2  
b2 → d2  
d2 → d4

**Expert 100:**

a3 → b1  
c2 → b2  
b2 → b1  
b1 → a1  
a1 → a2  
a2 → d2  
d2 → d4

**Expert 101:**

b2 → b1  
a3 → c1  
b1 → a1  
a1 → c1  
c1 → c3  
b3 → c3  
c3 → d4

**Expert 102:**

a1 → b2  
c2 → b2  
b2 → b1  
b1 → b3  
b3 → c3  
c3 → c4  
c4 → d4

**Expert 103:**

b4 → a4  
a4 → a3  
b3 → a2  
a2 → a3  
a3 → c1  
c1 → c3  
c3 → d3

**Expert 104:**

d2 → b4  
d3 → c4  
a3 → b4  
b4 → c4  
c4 → b3  
b3 → a2  
a2 → a1

**Expert 105:**

c1 → d1  
d1 → a1  
b4 → a3  
a1 → a3  
a3 → d3  
c2 → d3  
d3 → c4

**Expert 106:**

d1 → c3  
c3 → a2  
a2 → c1  
c1 → d3  
d3 → b4  
b4 → c2  
c1 → a1

**Expert 107:**

a2 → a3  
a3 → b4  
a1 → a4  
b4 → a4  
a4 → b3  
b3 → c2  
c2 → d2

**Expert 108:**

b2 → c1  
c1 → b1  
b1 → a2  
a2 → a3  
a3 → b4  
b4 → c3  
c3 → d4

**Expert 109:**

b1 → a3  
a2 → b3  
d3 → c4  
a3 → c4  
c4 → d2  
d2 → b3  
b3 → a1

**Expert 110:**

c1 → b2  
d4 → c2  
a1 → a2  
a2 → b2  
b2 → c2  
b1 → c2  
c2 → d3

**Expert 111:**

c3 → c4  
c4 → d4  
b2 → d4  
d4 → a1  
b3 → b1  
b1 → a1  
a1 → a2

**Expert 112:**

c3 → b1  
c1 → b2  
b2 → a3  
b1 → a3  
a3 → c2  
c2 → d4  
d4 → b3

**Expert 113:**

a2 → a1  
a1 → b1  
b1 → b2  
c3 → d4  
d4 → b2  
c4 → b2  
b2 → d3

**Expert 114:**

b1 → a2  
a1 → b2  
b2 → c3  
b3 → c3  
a2 → c4  
c3 → c4  
c4 → d4

**Expert 115:**

a2 → b1  
d1 → a4  
a3 → a4  
a4 → a1  
b1 → a1  
a1 → b2  
b2 → c3

**Expert 116:**

a1 → b2  
d4 → b2  
c1 → c2  
c2 → b2  
b2 → b1  
a2 → b1  
b1 → d3

**Expert 117:**

d2 → b3  
b1 → b3  
b3 → d3  
d3 → a3  
a3 → a4  
a4 → a1  
a1 → c1

**Expert 118:**

c4 → d3  
d3 → b1  
d4 → b3  
b3 → d2  
d2 → b1  
b4 → b1  
b1 → a1

**Expert 119:**

c2 → a1  
d1 → b3  
a1 → b3  
b3 → d2  
c1 → d2  
d2 → c3  
c3 → b4

**Expert 120:**

a3 → c4  
b3 → c4  
c4 → a2  
c1 → a2  
a2 → c3  
b2 → c3  
c3 → d4

# ThinkFun's Mission is to Ignite Your Mind!®

ThinkFun® is the world's leader in addictively fun games that stretch and sharpen your mind.

From lighting up young minds to creating fun for the whole family, ThinkFun's innovative games make you think while they make you smile.



[www.ThinkFun.com](http://www.ThinkFun.com)



© 2021 Ravensburger North America, Inc. All Rights Reserved.

MADE IN CHINA. #76 505 8. IN01.