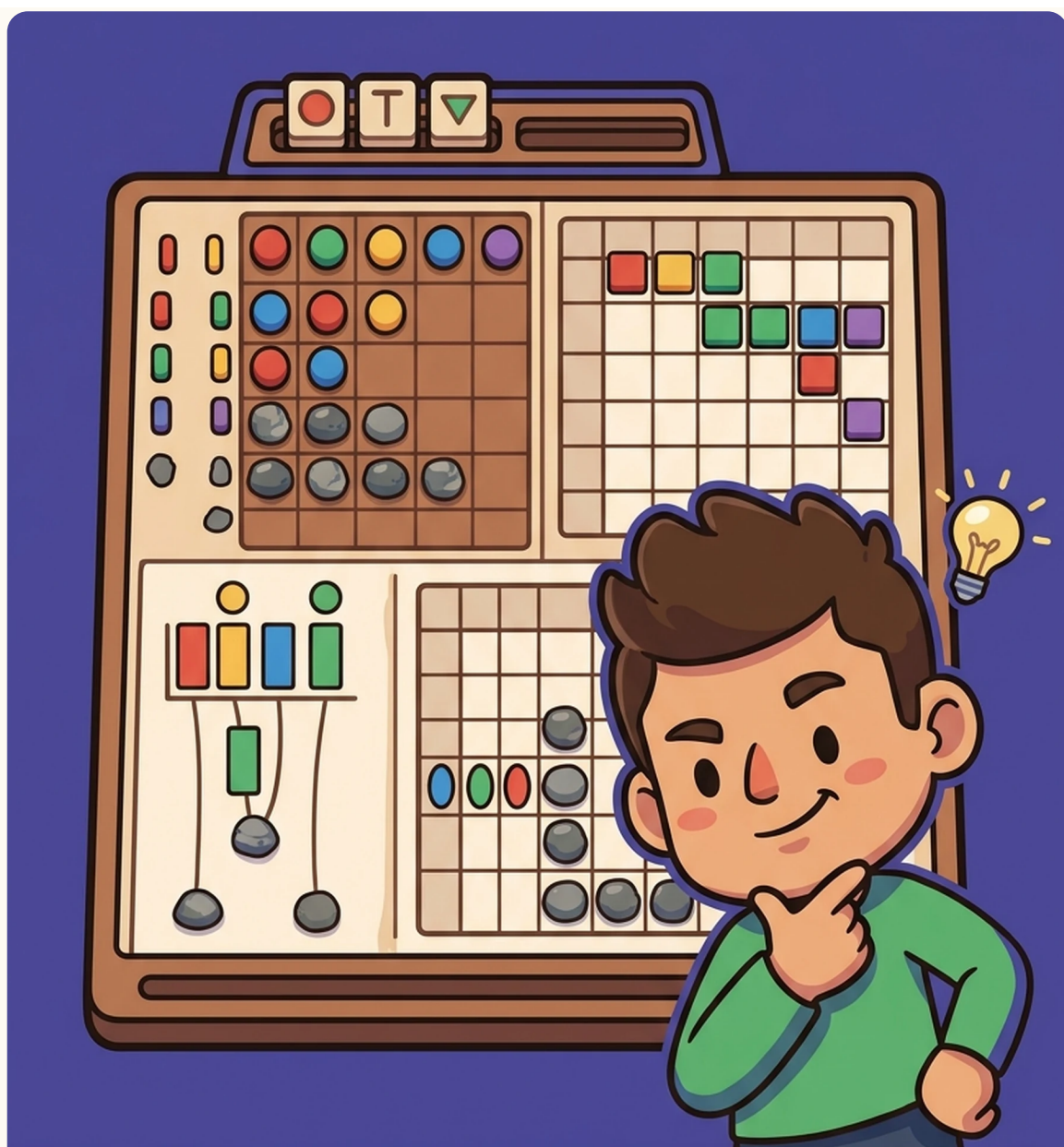




DeduceQuest

Find the Winning Move

A SPARK & ANVIL STRATEGY BOOK

DeduceQuest – Crack the Code

A *Story Time-style strategy puzzle workbook – every position is drawn from the app's shipped, engine-verified tactics bank. No position is made up.*

About this book

Part of the **Deducequest** Companion Book Program. Free to download and print under **CC BY-NC-SA 4.0**. Every puzzle is a real, engine-verified tactic – solve it, then turn the page to check your move and the reason it works.

Contents

1. Crack the Code – Which One Fits?

How to use this book

1. Read the CLUES: each row is a guess and its result – ● = right colour in the right spot, ○ = right colour in the wrong spot.
2. Only ONE of the four codes (A-D) fits EVERY clue.
3. Rule the others out, pick your code, then **turn the page** to check it and read *why*.
4. Puzzles get harder as you go. Take your time.

Crack the Code – Which One Fits?

Puzzle 1

Crack the code – which of A-D fits every clue?

The clues — each row is a guess and its result

R	R	R	R	●	1 exact · 0 near
B	R	Y	G	○ ○ ○ ○	0 exact · 4 near

Which code fits EVERY clue?

- A B R G Y
- B R B G Y
- C R B Y G
- D B B G Y

Puzzle 1 – Answer

The clues — each row is a guess and its result

R	R	R	R	●	1 exact · 0 near
B	R	Y	G	○ ○ ○ ○ ●	0 exact · 4 near

Which code fits EVERY clue?

A	B	R	G	Y
B	R	B	G	Y
C	R	B	Y	G
D	B	B	G	Y

Code B is the answer (ringed).

It is the ONLY code that reproduces the ●/○ result of every guess above — each other code contradicts at least one clue.

Puzzle 2

Crack the code – which of A-D fits every clue?

The clues — each row is a guess and its result

				 1 exact · 0 near
				   exact · 2 near
				    exact · 2 near

Which code fits EVERY clue?

- A    
- B    
- C    
- D    

Puzzle 2 – Answer

The clues — each row is a guess and its result

R	R	R	R	●	1 exact · 0 near
R	B	G	Y	● ○ ○	exact · 2 near
B	B	R	Y	● ● ○ ○	exact · 2 near

Which code fits EVERY clue?

A	B	Y	B	R
B	B	B	R	Y
C	B	B	Y	R
D	R	B	Y	R

Code C is the answer (ringed).

It is the ONLY code that reproduces the ●/○ result of every guess above — each other code contradicts at least one clue.

Puzzle 3

Crack the code – which of A-D fits every clue?

The clues — each row is a guess and its result

R	R	R	R	● 1 exact · 0 near
R	B	G	Y	○ ○ ○ ○ 0 exact · 4 near
Y	G	B	R	○ ○ ○ ○ 0 exact · 4 near

Which code fits **EVERY** clue?

- A

Y

G

R

B
- B

G

Y

B

R
- C

R

Y

R

B
- D

G

Y

R

B

Puzzle 3 – Answer

The clues — each row is a guess and its result

R	R	R	R	● 1 exact · 0 near
R	B	G	Y	○ ○ ○ ○ ● 0 exact · 4 near
Y	G	B	R	○ ○ ○ ○ ● 0 exact · 4 near

Which code fits EVERY clue?

- A Y G R B
- B G Y B R
- C R Y R B
- D G Y R B ✓

Code D is the answer (ringed).

It is the ONLY code that reproduces the ●/○ result of every guess above — each other code contradicts at least one clue.

Puzzle 4

Crack the code – which of A-D fits every clue?

The clues — each row is a guess and its result

R	R	R	R	● 1 exact · 0 near
R	B	G	Y	○ ○ 0 exact · 2 near
R	T	G	P	○ ○ ○ ○ 0 exact · 4 near

Which code fits **EVERY** clue?

- A

T

R

P

G
- B

R

T

P

G
- C

T

R

G

P
- D

R

R

P

G

Puzzle 4 – Answer

The clues — each row is a guess and its result

R	R	R	R	●	1 exact · 0 near
R	B	G	Y	○ ○	0 exact · 2 near
R	T	G	P	○ ○ ○ ○ ●	1 exact · 4 near

Which code fits EVERY clue?

A	T	R	P	G	✓
B	R	T	P	G	
C	T	R	G	P	
D	R	R	P	G	

Code A is the answer (ringed).

It is the ONLY code that reproduces the ●/○ result of every guess above — each other code contradicts at least one clue.

Puzzle 5

Crack the code – which of A-D fits every clue?

The clues — each row is a guess and its result

				0 exact · 0 near
				0 exact · 2 near
				2 exact · 2 near

Which code fits EVERY clue?

- A    
- B    
- C    
- D    

Puzzle 5 – Answer

The clues — each row is a guess and its result

R	R	R	R	0 exact · 0 near
R	B	G	Y	○ ○ 0 exact · 2 near
Y	Y	T	B	● ● ○ ○ 2 exact · 2 near

Which code fits EVERY clue?

A Y B Y T

B Y Y B T ✓

C Y Y T B

D R Y B T

Code B is the answer (ringed).

It is the ONLY code that reproduces the ●/○ result of every guess above — each other code contradicts at least one clue.

Puzzle 6

Crack the code – which of A-D fits every clue?

The clues — each row is a guess and its result

R	R	R	R	● 1 exact · 0 near
R	B	G	Y	○ 0 exact · 1 near
T	P	R	T	○ ○ ○ ○ ● 0 exact · 4 near

Which code fits **EVERY** clue?

- A

T

P

T

R
- B

P

T

R

T
- C

P

T

T

R
- D

R

T

T

R

Puzzle 6 – Answer

The clues — each row is a guess and its result

R	R	R	R	●	1 exact · 0 near
R	B	G	Y	○	0 exact · 1 near
T	P	R	T	○ ○ ○ ○ ●	0 exact · 4 near

Which code fits EVERY clue?

A	T	P	T	R
B	P	T	R	T
C	P	T	T	R
D	R	T	T	R

Code C is the answer (ringed).

It is the ONLY code that reproduces the ●/○ result of every guess above — each other code contradicts at least one clue.

Keep playing

Play the live tactics trainer at [**spark-and-anvil.org/play/deducequest**](https://spark-and-anvil.org/play/deducequest) and read the cast's strategy stories at [**spark-and-anvil.org/cast/deducequest**](https://spark-and-anvil.org/cast/deducequest).