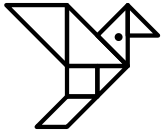




Learn a new puzzle

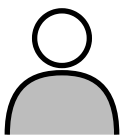
Code Detective



Check mark: right symbol, right place. Arrows:
right symbol, wrong place.

Guess 1	▲ ♥ ● ♥	✓ ↔	Shapes in the code <table><tbody><tr><td>●</td><td></td><td></td><td></td><td></td></tr><tr><td>▲</td><td></td><td></td><td></td><td></td></tr><tr><td>■</td><td></td><td></td><td></td><td></td></tr><tr><td>★</td><td></td><td></td><td></td><td></td></tr><tr><td>♥</td><td></td><td></td><td></td><td></td></tr><tr><td>☾</td><td></td><td></td><td></td><td></td></tr></tbody></table> 1 2 3 4	●					▲					■					★					♥					☾				
●																																	
▲																																	
■																																	
★																																	
♥																																	
☾																																	
Guess 2	☾ ☾ ★ ☾	—																															
Guess 3	▲ ■ ▲ ☾	↔ ↔																															
Guess 4	▲ ☾ ☾ ▲	✓																															
Guess 5	★ ● ★ ★	—																															
Secret																																	

- 1 A check mark means right symbol in the right place.
- 2 Arrows mean right symbol, but in a wrong place.
- 3 A dash means none of those symbols is in the code.



Ask: which guess tells you what is NOT in the code?

**1****Code Detective**

Check mark: right symbol, right place. Arrows: right symbol, wrong place. ☆

Guess 1	♥	☾	☾	●	✓	↔	↔
Guess 2	●	●	▲	♥	✓	↔	↔
Guess 3	▲	▲	■	▲	✓		
Guess 4	★	■	●	☾	↔	↔	
Guess 5	●	☾	▲	■	✓	↔	↔
Secret							

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4

2**Code Detective**

Check mark: right symbol, right place. Arrows: right symbol, wrong place. ☆

Guess 1	●	♥	★	●	↔		
Guess 2	♥	●	▲	●	↔		
Guess 3	★	▲	♥	☾	↔	↔	
Guess 4	♥	▲	♥	▲	↔		
Guess 5	■	■	★	●	↔	↔	
Secret							

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4



3

Code Detective

Check mark: right symbol, right place. Arrows: right symbol, wrong place. ☆

Guess 1

●	▲	☾	■
---	---	---	---

✓	↔	↔
---	---	---

Guess 2

■	★	♥	●
---	---	---	---

↔	↔
---	---

Guess 3

■	☾	■	●
---	---	---	---

↔	↔
---	---

Guess 4

☾	☾	☾	★
---	---	---	---

✓	↔
---	---

Guess 5

♥	■	●	■
---	---	---	---

↔

Secret

--	--	--	--

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4

4

Code Detective

Check mark: right symbol, right place. Arrows: right symbol, wrong place. ☆

Guess 1

●	☾	☾	●
---	---	---	---

↔

Guess 2

■	■	★	■
---	---	---	---

✓

Guess 3

●	★	●	▲
---	---	---	---

✓	↔
---	---

Guess 4

▲	▲	▲	♥
---	---	---	---

✓	✓
---	---

Guess 5

★	♥	■	★
---	---	---	---

↔

Secret

--	--	--	--

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4



5

Code Detective

Check mark: right symbol, right place. Arrows: right symbol, wrong place.



Guess 1

★	♥	♥	▲
---	---	---	---

 —

Guess 2

■	★	●	♥
---	---	---	---

 ✓

Guess 3

■	☾	☾	☾
---	---	---	---

 ✓ ↔

Guess 4

▲	●	▲	☾
---	---	---	---

 ↔ ↔

Secret

--	--	--	--

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4

6

Code Detective

Check mark: right symbol, right place. Arrows: right symbol, wrong place.



Guess 1

★	●	■	●
---	---	---	---

 ✓ ↔ ↔

Guess 2

★	▲	■	♥
---	---	---	---

 ↔ ↔

Guess 3

★	♥	▲	●
---	---	---	---

 ✓ ✓ ↔

Guess 4

♥	☾	♥	♥
---	---	---	---

 —

Secret

--	--	--	--

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4



7

Code Detective

Check mark: right symbol, right place. Arrows: right symbol, wrong place.



Guess 1:

●	■	■	♥
---	---	---	---

↔	↔	↔
---	---	---

Guess 2:

♥	☾	●	■
---	---	---	---

✓	✓
---	---

Guess 3:

★	■	■	●
---	---	---	---

↔	↔	↔
---	---	---

Guess 4:

★	●	★	▲
---	---	---	---

↔	↔
---	---

Secret:

--	--	--	--

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4

8

Code Detective

Check mark: right symbol, right place. Arrows: right symbol, wrong place.



Guess 1:

▲	■	♥	■
---	---	---	---

✓	↔	↔
---	---	---

Guess 2:

★	★	▲	●
---	---	---	---

✓	↔
---	---

Guess 3:

▲	♥	▲	★
---	---	---	---

✓	↔
---	---

Guess 4:

●	▲	●	★
---	---	---	---

↔	↔
---	---

Secret:

--	--	--	--

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4



9

Code Detective

Check mark: right symbol, right place. Arrows: right symbol, wrong place.



Guess 1

▲	♥	●	■
---	---	---	---

↔	↔	↔
---	---	---

Guess 2

●	☾	●	■
---	---	---	---

↔	↔
---	---

Guess 3

♥	■	☾	▲
---	---	---	---

✓	✓	↔
---	---	---

Secret

--	--	--	--

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4

10

Code Detective

Check mark: right place. Arrows: wrong place. Pick the guess that would surely tell you the code.



Guess 1

★	▲	★	●
---	---	---	---

✓

Guess 2

♥	♥	☾	■
---	---	---	---

↔

Guess 3

♥	■	☾	▲
---	---	---	---

✓

Shapes in the code

●				
▲				
■				
★				
♥				
☾				
	1	2	3	4

Which next guess would surely tell you the code?

A

★	■	●	●
---	---	---	---

B

●	■	■	★
---	---	---	---

C

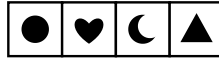
☾	●	♥	♥
---	---	---	---



Answers

 For grown-ups. Cut off or keep this page aside until the puzzles are done.**Learn · Code Detective**

#1



The code is circle heart moon triangle.
Read guesses 1 and 2 together.

#2



The code is triangle star square star.
Read guesses 1 and 5 together.

#3



The code is star circle moon triangle.
Read guesses 1 and 2 together.

#4



The code is triangle triangle circle square.
Read guesses 1 and 3 together.

#5



The code is moon moon circle circle.
Guess 1 has no marks, so none of its symbols is in the code.

#6



The code is circle star triangle circle.
Guess 4 has no marks, so none of its symbols is in the code.

#7



The code is square triangle circle square.
Read guesses 1 and 2 together.

#8



The code is heart circle triangle square. One what-if: one symbol there would clash with a guess.

#9



The code is heart triangle moon circle.
One what-if: one symbol there would clash with a guess.

#10



B. 4 codes still fit the guesses; only guess B would give each of them different marks.