

How to play CluGrid

CluGrid is a puzzle game that tests your skills in logic and deduction. It is possible to complete every puzzle using only the clues provided - without any guesswork at all. However, I can guarantee some head-scratching!

Introduction

This is the game screen. You will see that it is split into three general areas: the toolbar across the top, the grid area on the left and the clue area on the right.

The screenshot shows the CluGrid application window. At the top is a menu bar (File, Puzzles, Players, Tools, Help) and a toolbar with icons for file operations, puzzle selection (3 x 3), and game controls (pause, reset, hint, key). Below the toolbar are four input fields: 'Tim' (empty), '20' (puzzle size), '0.0%' (progress), and 'Time: 0:00:12' (timer). The main area is divided into three sections:

- Clue Description:** "Three accident prone people had a household disaster, each have a different number of children, and went overseas on holiday."
- Grid:** A cross-reference table with rows for people (Daphne, Gertie, Lorraine, 4 kids, 5 kids, 9 kids) and disasters (Broken dryer, Red sock in the washer, Burnt dinner). Columns are for destinations (France, Holland, Russia) and children counts (4 kids, 5 kids, 9 kids).
- Clues:** A list of seven clues on the right side of the grid.

At the bottom, there is a table with headers 'Boys', 'Time', 'Fruit', and 'Surname...'. The status bar at the very bottom shows '0%'.

Clues:

1. The person who has 5 kids went to France.
2. The person who has 5 kids did not have the burnt dinner.
3. The person who had the red sock in the washer did not go to France.
4. The person who has 4 kids had the red sock in the washer.
5. The person who had the burnt dinner went to Holland.
6. The person who is named Gertie did not have the broken dryer.
7. The person who is named Daphne went to Russia.

Use the toolbar to select puzzles, start new games, pause etc.

Use the grid in the grid area to keep track of your deductions as you work through the clues. The grid is a cross-reference on which you place checkmarks or crosses to show which items belong together as you figure them out.

At the top of the grid area is a short description of the puzzle, in this case **"Three accident prone people had a household disaster, each have a different number of children, and went overseas on holiday."**

Looking at the grid, you can see that the people are named Daphne, Gertie and Lorraine. The disasters are a broken dryer, a red sock in the washer and a burnt dinner. Holiday destinations were France, Holland or Russia, and there are either 4, 5 or 9 kids.

But! Who burned the dinner, who has 9 kids, and who went to Holland? That is the puzzle you will have to solve from the clues shown in the clue area.

Using the Clues

From the information in each clue, you can start to fill in the grid in order to learn more about each person and the things they did. Use the grid to cross-reference the information – you can often learn more and fill in more squares based on the information already shown.

Clue 1 is a positive clue: it tells us that the person who has 5 kids went to France. From this clue we can immediately place a check mark in the grid showing what we know. Left click in the grid on the square which relates “France” with “5 kids” as shown here. The program will automatically complete any obvious squares in the grid (unless you have disabled that feature in the Options screen)

The screenshot shows the CluGrid application window. The title bar is "CluGrid". The menu bar includes "File", "Puzzles", "Players", "Tools", and "Help". The toolbar contains icons for file operations, navigation, and puzzle settings. The status bar shows "Tim", "20", "9.3%", and "Time: 0:03:07".

The puzzle text is: "Three accident prone people had a household disaster, each have a different number of children, and went overseas on holiday."

The grid is a 3x3 grid with the following headers:

	France	Holland	Russia	Broken dryer	Red sock in the washer	Burnt dinner	4 kids	5 kids	9 kids
Daphne									
Gertie									
Lorraine									
4 kids									
5 kids	✓	✗	✗						
9 kids	✗								
Broken dryer									
Red sock in the washer									
Burnt dinner									

The clue list on the right contains 7 clues:

1. The person who has 5 kids went to France.
2. The person who has 5 kids did not have the burnt dinner.
3. The person who had the red sock in the washer did not go to France.
4. The person who has 4 kids had the red sock in the washer.
5. The person who had the burnt dinner went to Holland.
6. The person who is named Gertie did not have the broken dryer.
7. The person who is named Daphne went to Russia.

At the bottom, there is a table with the following data:

Girls	Kids	Household Disasters	Holidays
Daphne	?	?	?
Gertie	?	?	?
Lorraine	?	?	?

Left-click to set 'true', right-click to set 'false' 9%

Clue 2 is a negative clue: it tells us that the person who has 5 kids did **not** burn the dinner. This lets us place two more crosses in the grid, to begin to eliminate more references. Right click in the grid to place a cross at the point where “Burnt dinner” and “5 kids” intersect.

But wait, there’s another cross we can place, at the point where “Burnt dinner” and “France” intersect. Why? Because we know from the previous clue that the “5 kids” and “France” belong together, so we now know that the person who went to France did not burn the dinner. Place a cross in the appropriate square by right-clicking.

CluGrid

File Puzzles Players Tools Help

3 x 3

Tim 20 13.0% Time: 0:03:52

Three accident prone people had a household disaster, each have a different number of children, and went overseas on holiday.

	France	Holland	Russia	Broken dryer	Red sock in the washer	Burnt dinner	4 kids	5 kids	9 kids
Daphne									
Gertie									
Lorraine									
4 kids									
5 kids	✓	✗	✗			✗			
9 kids	✗								
Broken dryer									
Red sock in the washer									
Burnt dinner	✗								

- The person who has 5 kids went to France.
- The person who has 5 kids did not have the burnt dinner.
- The person who had the red sock in the washer did not go to France.
- The person who has 4 kids had the red sock in the washer.
- The person who had the burnt dinner went to Holland.
- The person who is named Gertie did not have the broken dryer.
- The person who is named Daphne went to Russia.

Girls	Kids	Household Disasters	Holidays
Daphne	?	?	?
Gertie	?	?	?
Lorraine	?	?	?

Left-click to set 'true', right-click to set 'false'

13%

Clue 3 gives us only a little more information, yet fills in much more of the grid. Simply by placing another cross in the grid (where "red sock" and "France" intersect) we find that we now know that the person who went to France has the broken dryer, and 5 kids:

CluGrid

File Puzzles Players Tools Help

3 x 3

Tim 20 27.8% Time: 0:06:21

Three accident prone people had a household disaster, each have a different number of children, and went overseas on holiday.

	France	Holland	Russia	Broken dryer	Red sock in the washer	Burnt dinner	4 kids	5 kids	9 kids
Daphne									
Gertie									
Lorraine									
4 kids	x			x					
5 kids	✓	x	x	✓	x	x			
9 kids	x			x					
Broken dryer	✓	x	x						
Red sock in the washer	x								
Burnt dinner	x								

Girls	Kids	Household Disasters	Holidays
Daphne	?	?	?
Gertie	?	?	?
Lorraine	?	?	?

- The person who has 5 kids went to France.
- The person who has 5 kids did not have the burnt dinner.
- The person who had the red sock in the washer did not go to France.
- The person who has 4 kids had the red sock in the washer.
- The person who had the burnt dinner went to Holland.
- The person who is named Gertie did not have the broken dryer.
- The person who is named Daphne went to Russia.

28%

Clue 4 completes one section of the grid:

CluGrid

File Puzzles Players Tools Help

3 x 3

Tim 20 35.2% Time: 0:07:30

Three accident prone people had a household disaster, each have a different number of children, and went overseas on holiday.

	France	Holland	Russia	Broken dryer	Red sock in the washer	Burnt dinner	4 kids	5 kids	9 kids
Daphne									
Gertie									
Lorraine									
4 kids	x			x	✓	x			
5 kids	✓	x	x	✓	x	x			
9 kids	x			x	x	✓			
Broken dryer	✓	x	x						
Red sock in the washer	x								
Burnt dinner	x								

Girls	Kids	Household Disasters	Holidays
Daphne	?	?	?
Gertie	?	?	?
Lorraine	?	?	?

- The person who has 5 kids went to France.
- The person who has 5 kids did not have the burnt dinner.
- The person who had the red sock in the washer did not go to France.
- The person who has 4 kids had the red sock in the washer.
- The person who had the burnt dinner went to Holland.
- The person who is named Gertie did not have the broken dryer.
- The person who is named Daphne went to Russia.

Left-click to set 'true', right-click to set 'false'

35%

Clue 5 completes another two sections of the grid. Firstly we are able to place a checkmark at the point where “burnt dinner” and “Holland” intersect. Now comes the clever part: we are now able to infer that there should be a checkmark on the intersection between “9 kids” and “Holland” since we already know that “burnt dinner” and “9 kids” intersect.

CluGrid

File Puzzles Players Tools Help

3 x 3

Tim 20 50.0% Time: 0:08:12

Three accident prone people had a household disaster, each have a different number of children, and went overseas on holiday.

	France	Holland	Russia	Broken dryer	Red sock in the washer	Burnt dinner	4 kids	5 kids	9 kids
Daphne									
Gertie									
Lorraine									
4 kids	×	×	✓	×	✓	×			
5 kids	✓	×	×	✓	×	×			
9 kids	×	✓	×	×	×	✓			
Broken dryer	✓	×	×						
Red sock in the washer	×	×	✓						
Burnt dinner	×	✓	×						

Girls	Kids	Household Disasters	Holidays
Daphne	?	?	?
Gertie	?	?	?
Lorraine	?	?	?

- The person who has 5 kids went to France.
- The person who has 5 kids did not have the burnt dinner.
- The person who had the red sock in the washer did not go to France.
- The person who has 4 kids had the red sock in the washer.
- The person who had the burnt dinner went to Holland.
- The person who is named Gertie did not have the broken dryer.
- The person who is named Daphne went to Russia.

Left-click to set 'true', right-click to set 'false' 50%

Clue 6 actually tells us a lot more than you might think at first glance. Gertie did not have the broken dryer. But cross-checking on our grid, we can also infer that she therefore did not go to France, nor does she have 5 kids.

CluGrid

File Puzzles Players Tools Help

3 x 3

Tim 20 55.6% Time: 0:08:36

Three accident prone people had a household disaster, each have a different number of children, and went overseas on holiday.

	France	Holland	Russia	Broken dryer	Red sock in the washer	Burnt dinner	4 kids	5 kids	9 kids
Daphne									
Gertie	x			x				x	
Lorraine									
4 kids	x	x	✓	x	✓	x			
5 kids	✓	x	x	✓	x	x			
9 kids	x	✓	x	x	x	✓			
Broken dryer	✓	x	x						
Red sock in the washer	x	x	✓						
Burnt dinner	x	✓	x						

Girls	Kids	Household Disasters	Holidays
Daphne	?	?	?
Gertie	?	?	?
Lorraine	?	?	?

Left-click to set 'true', right-click to set 'false'

56%

1. The person who has 5 kids went to France.
2. The person who has 5 kids did not have the burnt dinner.
3. The person who had the red sock in the washer did not go to France.
4. The person who has 4 kids had the red sock in the washer.
5. The person who had the burnt dinner went to Holland.
6. The person who is named Gertie did not have the broken dryer.
7. The person who is named Daphne went to Russia.

Clue 7 tells us the last piece of information that we need: Daphne went to Russia. Looking at the grid we can instantly see that if she went to Russia, she therefore must have 4 kids, and also put the red sock in the washer. Click! Puzzle complete!

The screenshot shows the CluGrid application interface. At the top, there's a menu bar (File, Puzzles, Players, Tools, Help) and a toolbar with icons for file operations, puzzle settings (3x3 grid), and a key icon. Below the toolbar, a status bar shows 'Tim' (20), '100.0%', and 'Time: 0:09:04'.

The main puzzle area displays a 3x3 grid with rows and columns labeled. The rows are Daphne, Gertie, and Lorraine. The columns are France, Holland, Russia, Broken dryer, Red sock in the washer, Burnt dinner, 4 kids, 5 kids, and 9 kids. The grid cells contain green checkmarks or red crosses indicating true or false values.

Below the grid, there's a summary table:

Girls	Kids	Household Disasters	Holidays
Daphne	4 kids		
Gertie	9 kids		
Lorraine	5 kids		

A blue box in the center of the summary table says "Congratulations! Click here to continue...".

On the right side, there's a list of seven clues:

1. The person who has 5 kids went to France.
2. The person who has 5 kids did not have the burnt dinner.
3. The person who had the red sock in the washer did not go to France.
4. The person who has 4 kids had the red sock in the washer.
5. The person who had the burnt dinner went to Holland.
6. The person who is named Gertie did not have the broken dryer.
7. The person who is named Daphne went to Russia.

At the bottom, a status bar says "Left-click to set 'true', right-click to set 'false'" and "100%".

So as you can see, by following the clues carefully, and applying a little logic, you are able to solve the puzzle completely! You genius you!

Please note that with some of the more difficult puzzles and harder settings, you will probably need to work your way through the clues several times, as more information is revealed by cross-referencing on the grid.

If you think you have made a mistake, you can remove a checkmark or cross simply by right clicking on the square.