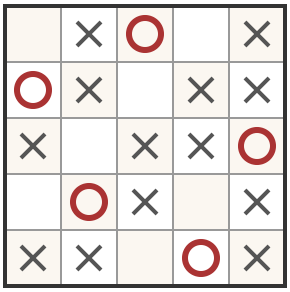
FREE SAMPLE

Christmas Logic Grid Puzzles

3 of the 24 puzzles from the full book in three levels, with full answer keys.
Every puzzle has exactly one answer, reachable by logic alone.



Level	Grid	Puzzles
Warm-up	4 × 3	1
Steady	4 × 4	2
Tricky	5 × 4	3
Answer keys at the back		

How to solve: read each clue and mark the grid. Put an X where two things can't go together and a circle where they must. Each row and column within a block has exactly one match. When you find a match, X out the rest of that row and column.

WARM-UP · 4 × 3

1. Workshop Gifts

1. Tinsel did not have the 10 am slot.
2. Pip had the 9 am slot.
3. Whoever had the puzzle also had the 10 am slot.
4. Holly had the kite.
5. Holly did not have the 8 am slot.
6. Pip did not have the drum.

	Gift				Hour			
	train	kite	puzzle	drum	8 am	9 am	10 am	11 am
Elf Holly								
Jingle								
Pip								
Tinsel								
Hour 8 am								
9 am								
10 am								
11 am								

STEADY · 4 × 4

2. Cookie Swap

1. Cora did not have the round tin.
2. Cora did not have the heart tin.
3. Whoever had the mint cookies did not have the star tin.
4. Whoever had the oatmeal cookies did not have the star tin.
5. Whoever had the ginger cookies did not have 2 dozen.
6. Whoever had the ginger cookies had either the heart tin or the round tin.
7. Cora did not have the mint cookies.
8. Whoever had the mint cookies baked more dozens than whoever had the heart tin.
9. Whoever had the ginger cookies did not have 3 dozen.
10. Ava did not have 4 dozen.
11. Whoever had the heart tin baked more dozens than Ben.
12. Whoever had the oatmeal cookies did not have 2 dozen.

	Cookie				Tin				Dozen			
	ginger	sugar	oatmeal	mint	star	heart	round	square	1	2	3	4
Baker Ava												
Ben												
Cora												
Dev												
Dozen 1												
2												
3												
4												
Tin star												
heart												
round												
square												

TRICKY · 5 × 4

3. Snow Day

1. Ivy did not have the plain scarf.
2. Whoever had the cap had either the 7 ft snowman or the 6 ft snowman.
3. Hugo had the striped scarf.
4. Whoever had the top hat did not have the 7 ft snowman.
5. Whoever had the bucket had either the plaid scarf or the dotted scarf.
6. Jack did not have the top hat.
7. Whoever had the dotted scarf had either the 7 ft snowman or the 3 ft snowman.
8. Whoever had the dotted scarf had either the 4 ft snowman or the 7 ft snowman.
9. Whoever had the beanie built a taller snowman than Jack.
10. Ivy did not have the knit scarf.
11. Whoever had the bow did not have the plain scarf.
12. Whoever had the bucket had either the 3 ft snowman or the 6 ft snowman.
13. Gia built a taller snowman than whoever had the cap.
14. Finn had either the 3 ft snowman or the 5 ft snowman.
15. Hugo did not have the 4 ft snowman.

	Snowman hat					Scarf					Height				
	top hat	beanie	cap	bucket	bow	striped	plaid	dotted	plain	knit	3 ft	4 ft	5 ft	6 ft	7 ft
Kid Finn															
Gia															
Hugo															
Ivy															
Jack															
Height 3 ft															
4 ft															
5 ft															
6 ft															
7 ft															
Scarf striped															
plaid															
dotted															
plain															
knit															

Answers

1. Workshop Gifts

Elf	Gift	Hour
Holly	kite	11 am
Jingle	puzzle	10 am
Pip	train	9 am
Tinsel	drum	8 am

2. Cookie Swap

Baker	Cookie	Tin	Dozen
Ava	oatmeal	heart	3
Ben	ginger	round	1
Cora	sugar	star	2
Dev	mint	square	4

3. Snow Day

Kid	Snowman hat	Scarf	Height
Finn	top hat	plain	5 ft
Gia	beanie	dotted	7 ft
Hugo	cap	striped	6 ft
Ivy	bucket	plaid	3 ft
Jack	bow	knit	4 ft