

Charlie Thorne and the Last Equation Discussion Questions

Why does Ernst find it so difficult destroying Einstein's papers.

- What makes this act so challenging, even when knowing it's exactly what his friend wants?

Charlie tells Dante, "I don't want to be a spy. It sounds like a lousy job. The pay stinks, you answer to government, and people occasionally try to kill you."

- Why might someone want to be a spy?
- Do you think Charlie changes her mind over the course of the book?

Why do you think Dante wanted to be a spy?

- What kind of skills does a successful spy need?

Dante says that he doesn't tell Charlie the whole truth about the mission because he wants to protect her.

- Do you agree or disagree with the following statement--"Kids need to be sheltered from terrible things happening in the world."?
- Is that even possible?

What is Charlie and Dante's relationship like? How does it change by the end of the book?

Were you surprised by Milana Moon's actions toward the end of the novel? Do you consider her a bad guy?

Part 1, "The Fate of the World," opens with the following Einstein quote: "It has become appallingly obvious that our technology has exceeded our humanity." What do you think Einstein means by this?

Think about Charlie's appearance, personality, and skill sets.

- How do these traits and characteristics benefit or hinder her in her line of work?
- What makes her a great asset to the CIA?

Dante tells Director Carter, "Anyone that brilliant is going to chafe at authority. Because they're smarter than the authorities."

- Do you agree or disagree with this statement?
- How or when can this attitude become a problem?
- How or when can it become an asset?
- How do you decide when to question authority and when to follow?

What can Charlie teach her adult colleagues, and what might she learn from them?

Alexi Kolyenko's racist and hateful attitude toward refugees and people who are seemingly different from him motivates his decision to organize the Furies and seek to obtain the means to cause major destruction.

- What are some of the ways in which Alexi's scapegoating is so problematic?
- How can this kind of attitude escalate to cause serious harm?
- Can you draw any parallels to what's happening in the United States today?



Name: _____

Solve each Sudoku puzzle!

8			2	6				4
	1			8	3		6	2
2	6		7	4		1		
		6		7	8	2	1	
		4		3	2		8	
	2				9			7
7	4			1	6		2	
	3		8		4		7	1
		1		2	7			6

	1		2		5			8
	2	4	9	8				5
	5	8	7		1		2	
6		5	3		2		8	1
2		7	1			3		9
		1	5		8	2	6	
		2	6		7	8		
8				1		5		2
		9		2	3		1	

	2				9		7	6
	7		6	2		8	9	
	4	6		8	5		3	
	8	2	9				6	
5	6				8		2	
7				6	2	9		8
	5	8	2		6	7	4	
	3	4	8		7	5		2
	9	7	5				8	

		7	1	2		8		
	4			8				6
	6			9		7	1	
		2		6		1		
6	8		7			4	2	
	1				5		8	
7				5	1		6	8
5		8		7		2		1
1			8		2		7	5



Name: _____

Solve each Magic Square Puzzle!

The sum of every row, column and diagonal must be the same!

13			12
2			7
		4	
		15	1

		9	
15			
2		13	
	14	4	5

10	7		
13	4		
	9		12
	14		

	1		
15		9	6
3		5	
2			

3	14		2
	9		
10		6	
	4		

			12
4		14	
10	3		13
		11	



Name: **Answer Key**

Solve each Magic Square Puzzle!
The sum of every row, column and diagonal must be the same!

13	3	6	12
2	16	9	7
11	5	4	14
8	10	15	1

6	7	9	12
15	10	8	1
2	3	13	16
11	14	4	5

10	7	11	6
13	4	16	1
8	9	5	12
3	14	2	15

14	1	12	7
15	4	9	6
3	16	5	10
2	13	8	11

3	14	15	2
8	9	12	5
10	7	6	11
13	4	1	16

15	6	1	12
4	9	14	7
10	3	8	13
5	16	11	2



Name: **Answer Key**

Solve each Sudoku puzzle!

8	9	7	2	6	1	3	5	4
4	1	5	9	8	3	7	6	2
2	6	3	7	4	5	1	9	8
3	5	6	4	7	8	2	1	9
9	7	4	1	3	2	6	8	5
1	2	8	6	5	9	4	3	7
7	4	9	5	1	6	8	2	3
6	3	2	8	9	4	5	7	1
5	8	1	3	2	7	9	4	6

9	1	6	2	3	5	7	4	8
7	2	4	9	8	6	1	3	5
3	5	8	7	4	1	9	2	6
6	9	5	3	7	2	4	8	1
2	8	7	1	6	4	3	5	9
4	3	1	5	9	8	2	6	7
1	4	2	6	5	7	8	9	3
8	6	3	4	1	9	5	7	2
5	7	9	8	2	3	6	1	4

8	2	5	3	1	9	4	7	6
3	7	1	6	2	4	8	9	5
9	4	6	7	8	5	2	3	1
4	8	2	9	5	3	1	6	7
5	6	9	1	7	8	3	2	4
7	1	3	4	6	2	9	5	8
1	5	8	2	3	6	7	4	9
6	3	4	8	9	7	5	1	2
2	9	7	5	4	1	6	8	3

9	5	7	1	2	6	8	3	4
2	4	1	3	8	7	5	9	6
8	6	3	5	9	4	7	1	2
3	7	2	4	6	8	1	5	9
6	8	5	7	1	9	4	2	3
4	1	9	2	3	5	6	8	7
7	2	4	9	5	1	3	6	8
5	9	8	6	7	3	2	4	1
1	3	6	8	4	2	9	7	5