Mini Murder Mystery Fractions, decimals & percentages

Who

One of the 4 characters below has murdered Mrs X. Analyse the number problems to discover the murderer.

Each one has said which of the numerical statements they believe are true or false. The innocent people have only made 1 or 2 errors. The guilty person has made 3 errors.

 A) 40% of 500 is 200 B) Half of 390 is 180 C) 0.6 is the same as 6% D) 0.25 is the same as 2.5 	E) 0.6 x 300 = 50 F) $\frac{3}{4}$ x 90 = 60 G) Half of $\frac{8}{10}$ is $\frac{4}{5}$ H) 0.085 is the same as $8\frac{1}{2}$ %				
The mad scientist said A is true C is true D is false H is true	The silly boy said E is true G is false B is false D is false				
The chef said G is false C is true D is true F is true	The artist said D is true C is false E is true B is false				
Where The murder took place where these are in ascending order $0.109, \frac{1}{10}, 11\%, \frac{90}{1000}, 0.099$					
Nottingham if this order is correct	$\frac{90}{1000}$, 0.099, $\frac{1}{10}$, 0.109, 11%				
Derby if this order is correct	$0.109, 0.099, \frac{1}{10}, \frac{90}{1000}, 11\%$				
Sheffield if this order is correct	11% , 0.109, $\frac{1}{10}$, 0.099, $\frac{90}{1000}$				
Leicester if this order is correct	$\frac{1}{10}$, $\frac{90}{1000}$, 11%, 0.099, 0.109				

When Calculate each answer to find the time and date								
Add these fractions tog	ether	A) $2\frac{6}{14}$			B) 2 ¹⁹ / ₂₄			
			me was 6	5:14 pm	The time was 19:24			
$\frac{5}{8} + 2\frac{1}{6} =$		C) $2\frac{6}{24}$			D) $\frac{18}{14}$			
The time		me was 6				3:14 pm		
Subtract these fraction	S	A) $1\frac{1}{10}$			B) $1\frac{3}{10}$			
o ² 7	The date was			-				
$2\frac{2}{5} - \frac{7}{10} = $ C) 1		C) $1\frac{7}{10}$	C) $1\frac{7}{10}$			D) $3\frac{7}{10}$		
		The date was 1/		1/7/10			re was 3/7/10	
Why. Decode the message to find out why Mrs X was killed								
a b		C C			d		e	
20÷0.5 1.8>				36 x 3 ;		$3 \div \frac{1}{4}$		
f g $\frac{2}{5} \times 15$ $\frac{3}{10} \times 15$: 5	<u>h</u> 3 7 8 + 1 8		0.95 x 2		J Half of 66		
k I	m		n		o			
$\frac{7}{12} - \frac{1}{6}$ 6 ÷	<u>1</u> 5	$\frac{1}{4} \times 2 \times 2$		0.7 × 0.7		⁵ / ₈ × 4		
p q	r r		S		t			
	decimal 15% of 50		$\frac{1}{4} \times \frac{4}{5}$		10% of 36			
u v 3 ÷ $\frac{3}{4}$ 1.5 ÷		w 4 - 3 3		×		y or z 1 ¹ / ₂ × 6		
$\frac{1}{5}$								
<u>1</u> 5 12	27	1.9	27	0.49	3.6	30	1.9	
5								
$\frac{5}{12}$ 12 6	7.5	40	11	3.6	1.9	2.5	0.49	
12								
$\frac{1}{5}$ 40 0.49	27	1.9	30	2.5	0.75	12	3.6	
5								
5 12 1								
Final Accusation								
Who Where								
When								
Why								