Please use pencil and erase mistakes. Closed book and notes, no electronic devices of any kind. Show your work, and if you need more room, use the back. Draw a box around numeric answers. 10 points

Convert the following decimal numbers to 8-bit two's complement signed binary numbers (2 each):

-74		128	6 4	32	16	S. S	L	2		
		0	and the second	0	0	1	0		0	
	2'5;	1			1	0	The state of the s	1	01	
38	12	8	64	3 2	16	g	41	2	1	

38	128	67	32	16	8	4	2	1
		a proprieda in vivil de trensperie de la	en Guerra en grant (10 en 10 (10 en archevel)), amb grant en en faire en faire en faire en faire en faire en f	et curum departum antimenantimenantimenalis repert rementarion	O ***			und degramment to the following the second to the second t

Convert the following unsigned numbers from the indicated bases to decimal (2 each):

$$dec = (5 \times 9') + (6 \times 9'') = 45 + 6 = 51$$

$$4 + \frac{AB_{14}}{100}$$

$$dec = (10 \times 14') + (11 \times 14'') = 140 + 11 = 151$$

$$151 + \frac{1}{151}$$