After any calculation or number manipulation, the stack automatically lifts when a new number is keyed in. *(See Number Termination in appendix B.)*

In addition to the automatic stack lift after a calculation, the stack automatically drops *during* every calculation involving both X- and Y-registers. It happened in the above example, but let's do the problem differently to see this feature more clearly.

	Stack Contents	Comments
	T	0.00	
16	Z	0.00	16 is keyed into the displayed X-register.
	Y	0.00	
	X	16.	
	T	0.00	
ENTER↑	Z	0.00	16 is copied into Y.
	Y	16.00	
	X	16.00	
	T	0.00	
30	Z	0.00	30 is written over the 16 in X.
	Y	16.00	
	X	30.	
	T	0.00	
ENTER↑	Z	16.00	30 is entered into Y. 16 is lifted up to Z.
	Y	30.00	
	X	30.00	

Press	Stack Contents	Comments
	T	0.00	
11	Z	16.00	11 is keyed into the displayed X-register.
	Y	30.00	
	X	11.	
	T	16.00	
ENTER↑	Z	30.00	11 is copied into Y. 16 and 30 are lifted up to Z and T respectively.
	Y	11.00	
	X	11.00	
	T	16.00	
17	Z	30.00	17 is written over the 11 in X.
	Y	11.00	
	X	17.	
	T	16.00	
+	Z	16.00	17 and 11 are added together and the rest of the stack drops! 16 is duplicated in T and Z. 30 and 28 are ready to be added.
	Y	30.00	
	X	28.00	
	T	16.00	
+	Z	16.00	30 and 28 are added together and the stack drops again. Now 16 and 58 are ready to be added.
	Y	16.00	
	X	58.00	
	T	16.00	
+	Z	16.00	16 and 58 are added together for the final answer and the stack continues to drop.
	Y	16.00	
	X	74.00	