

Conservation of Energy Practice Calculations

Answers (all in kJ/mole)

	ΔE	ΔH	q	w
a)	2.49	4.16	4.16	-1.67
b)	-2.49	-4.16	-2.49	0
c)	0	0	-1.65	1.65
d)	1.25	2.08	1.25	0
e)	0	0	1.33	-1.33
f)	-1.87	-3.12	-3.12	1.24
g)	0.62	1.04	1.04	-0.42