

re 2	Ch En 2800
	Hw 10
2)	I DHora = E V: (DHor) - E V: (DHor) DHo (Hz, (1z)=0
	: -385.76 = DHe((2H2Cly) - DHe ((2H4)
	:. OH = -385.76+25.28 f-333 Fez
b.	DAMPER (2H401+2C126) -> (2HC13(1)+H26) + HC1(9)
	DHM = -276.2-92.31-52.28 = -421 mg
C.	-421 man 120 - 300 -201 [-1.26×10 1/2]
3.)	a.) rx 3 = 2 rx 1 - rx 2
	DHmm3 = = = DHm, - DHmm2 = -326.2+285.8
P	DHow for the decomposition for Canat be measured directly. The or may not be possible in a
	(W, *S).

bruse 5

Josh whitehead Ch En 2800

HW 10

Ha.) The Standard heat of cambostran is the amount of heat produced when I not of the substante reacts with O2 (combusts). The value Alpond -1299.6 kg is @ 250 C and later but is in reference to a reference State so that H2 - H2 = -1299.6 kg

PHt: 4550.72 +0 5(-3837) -58881

=-1298.6 V

C) a.) (2142 + 2142 -9 (246 DHE: 326.75 0 -84.67

:. DHrm = -84.67 -226.75 = -311. KT

P) DH== = 80ph - 51: (DH):

C2H2 + 2H2 -1589.3

DHUM = -1595.6 + 5 (-582.84) +1223.5 = -311. FI

