MATHEMATICS (2 unit) -HSC Trial Exam Suggested Answers & Mapping Grid

30° = 80° = + 10°	D&C = BCE + BEC (ext L of DBEC)	Boc = D8c = 30°	ABCD 1000 (2 sides =)	(6) BC = CD (Phombus)	226	e#x	(2) - (2)	(11) e^{2x} , $-x \cdot 2e^{3x}$	= 2x Sin(2-x2)	8 3 (a)() - 2x (- sin (2-x))		- #21.25	X = 143 × 14.33		16	(4, -3) Solution	4 = -6 4 = -6	4 + 29 = -2	$x + 2y = -2$ $7x = 2\theta$	(e) 6x-2y=30	(m-3)(n-1)(m+1)	(m-3)(m-1)(m+1)	= (m+1) - (m-3)	$(d) \frac{(m-3)(m-1)}{(m-1)(m+1)}$	(c) - 3cx + c	oc = 0,4	$(b) x^{1}(\alpha-4) = 0$	= 1.49	D, (a) 1.488437	Suggest
-13% 0 3	-12/3 2 21 2 3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	一切大のボルン	2C 7 - / 2/3/3	(b) 2-3x ±7	= 31.5 unito	= 2.9.7	(N) A = 2.6.h	C = (4,0)	oc = 4	a = 2 /sa/ 7	(15) VE32 = 72+ Q18	BAC = 430	BA = 135°	(111) tan BAX = -1	x+y=s	3+2-	(1) y-0 = -1(x-5)	1 A - G	3(a) () m = 7-0 =-1		x = 13/16	1-7 = 24 = 3 136 16	(d) 128 = 24 1-2	(1) -3 lor (1-x) + C	PK	» k (1-0)		(e)() \(\frac{1}{2}\) tan 2x \(\frac{1}{0}\)	Suggested Answers & Mapping Grid
	4 = 202 - 0	· · · · · · · · · · · · · · · · · · ·	\$ " B	x=1 y= 2e=m	(A) y' = xex + /.ex	= 17.625 unit =	+ 2(3.5+4+5)	A = \$\frac{1}{2}\frac{3.25}{3.25} + 7	J 32 3.5 4 57	(c) x -2 -/ 0 / 2			t=0 /=0 > C=0	V= 0.543	6) al = 0.5t2	1+15 aox>0	x=/±//+4	00-20-150	302-302 - 3 = 0	4= 21+21-12+1+21-2	$2^{+} = x^{+} + (x - i)^{+} - 2 \times (x - i)$	Way Co 120 = - 1/2	8 271 unt	(i) A = 3 7 x 32	4	\ 	-3 (Millimini) 3 >2	\	600	Page 1

