Year 10 Maths -Marking Schedule: Number

	AT(4)	AB(6)	TAAB(8)
ONE			
a	23		
b	2		
c	6.1×10^6		
d	$771 200		
TWO			
a	$\frac{5}{7}$		
b	$\frac{10}{27}$		
c	28		
d	35/72	$1-(\frac{1}{9}+\frac{3}{8})=\frac{37}{72}$	
e		12/25X128800=61824 Females=66976(AB5)	
THREE			
a	20 608		
b	25%		
c	$0.80	.75X3.2= $2.40	
d		23.32/1.06= $22.00	
FOUR			
Mark like NCEA 3 skills=A		Cost of charging stations 7500 x 5 = 37500 less discount 37500 x $\frac{4}{5}$= 30 000	Cost of car in NZ dollars 10X 34 947 x 1.85 = $646 519.50 Plus GST 64 6519.50 x 1.15 = 743497.43 Cost of Cars=$743497.43 Cost Of CS= $30 000 Total cost = $773 497.43

Algebra

	At	Above	Beyond
Questions			
ONE			
a	12, 15		
b	64, 125		
c	26, 31		
d		n, (n+1)	
TWO			
a	15, 21, 28		
b			R = $\frac{p(p+1)}{2}$
c		25X26/2= 325	
THREE			
a	y=3, m=½ or 3/6		
b		y=½ *x*+3	
FOUR			
a	11y + 8z		
b	$16x^2 – 9w$		
c	$16f^8$		
d	n^4		
e	$6x^3$		
f		$2187k^{14}$ or (21 K^{14}-AB5)	
g		$-6p^8$	
h		$\frac{34y}{35}$	
FIVE			
a	12x +8		
b	3x - 26		
c		$x^2 + 2x - 15$	
SIX			
a	8(z-6)		
b		$6x^3y^4(2x^2 – 5y^2)$	
c		$(x+5)(x+5)$ or $(x + 5)^2$	
d	$2(y^2 +2y – 15)$		2(y+5)(y-3)
SEVEN			
a	p=10		
b	x=3		
c		w=90	
d		x=-16/3	
e		w=-16	
f		x=-3	
g	only one	x=-3 or -4 (both)	
h			y= 70/31
EIGHT			
a		E=0.025S+10,000	
b	E=$21,250		
c		$550,000	
d		R=0.03S+6000 0.03S+6000=0.025S+10,000	0.005S=4000 S=$800,000

Marking annotation on script:

Working Towards - W0 (blank),
W1 (something on topic written),
W2 (close to AT)
AT - A3 (low),
A4 (high)
Above - AB 5 (low),
AB6 (high)
Beyond - B 7 (low),
Beyond -B 8 (high)
CAO=A4 for any question.

Grade Summary

Grades	AT	AA	TAAB	Total
N	25 (9+16)	20 (4+16)	5(1+4)	50
Points	100 (36+64)	120 (24+96)	40 (8+32)	260 (68+192)

Percentage grade boundaries for overall grade:

Percentage	***Points***
At = 45%-65%	105 - 169
Above = 66%-84%	170 - 218
Beyond = +85%	219 -

Rubric Grade: Percentage grade boundaries

Grade	AT	AB	BE
Number	27-44	45-57	58-68
Algebra	77-124	125-161	162-192