Ethan Tesdale Email: teseth2021@cranleigh.ae Class: 13RH Teacher: Mr Stenner/ Ms Mcshane

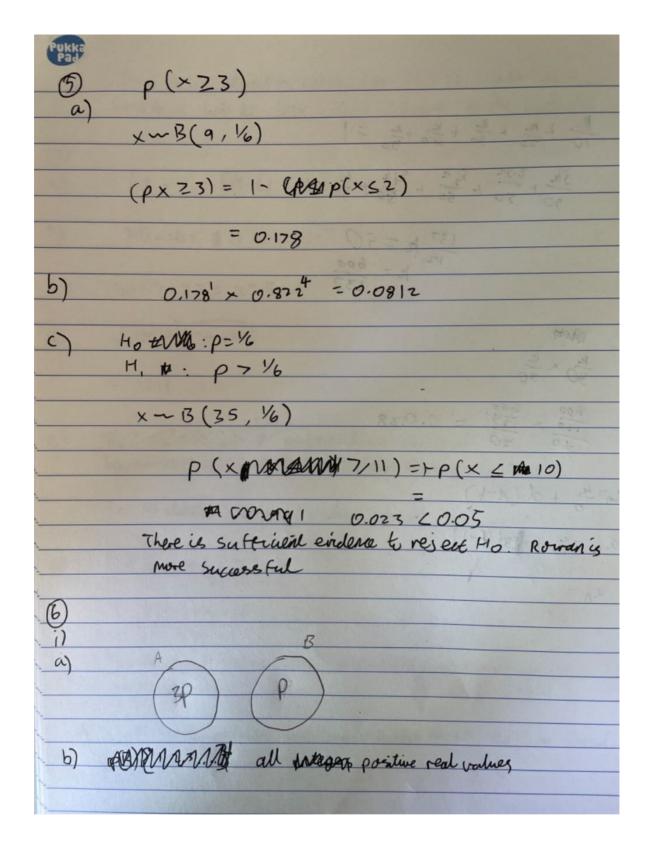
A Level Maths Mock Applied (Paper 2) Word count: 0

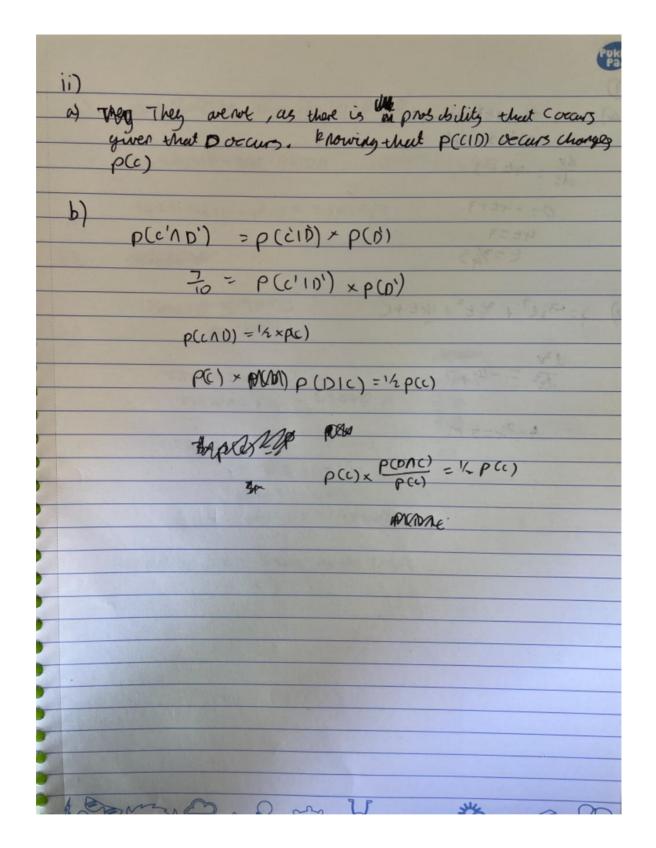
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1)	1. 51
	BAVELY 3×15+ 4×4+2×2 = 65
18 AN N	78:65=1.2
	1×10×1.2+1.2×8=21.6
	8x1.2 + 2x10x1.2+ 3x 5x1.2 +78 = 129.6
	21.6=129.6×100=16.70%
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.51 =
	as a single to a
	Me a with the more and
a) weak regative correlation	and the sales of the total
a) weak regarder correlation	1 as dige is will I where what
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i) frequency	1 9-346-21
ii) nounts	45-15-2,700
consist redien was nelis	
C) Critical value = -0.30	Obj
11 :	
Ho: to T = - 0.377	M ripor valiety and characterile

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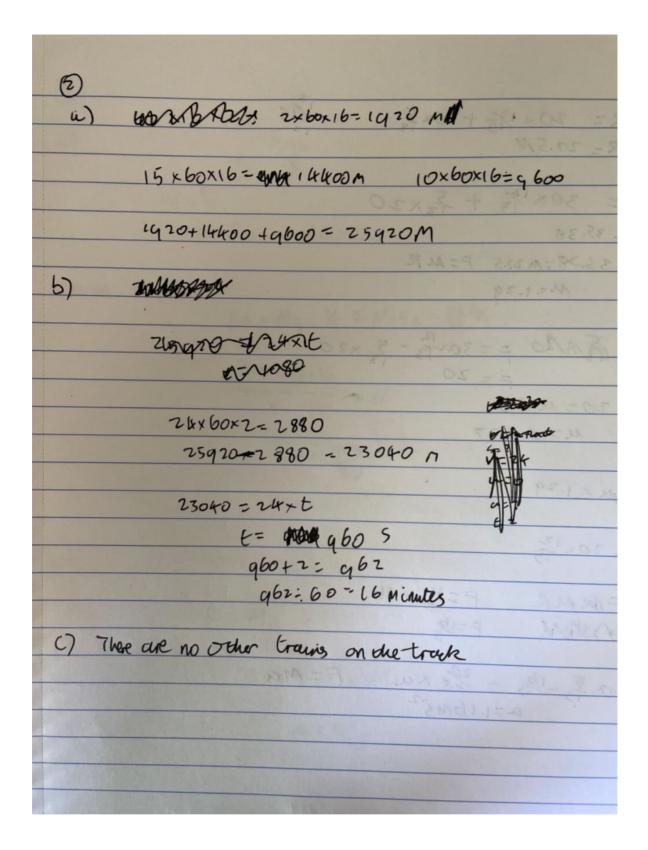
Pukka
the state of the state of
Surshine will be low, e.g. 3 hours as the humisclity is light
swisher with be tow, e.g. shows and
3 -d-s-t-sent some town the sent
a) 68-7=100 61
6) 25-14= (1)
() 607.5:27=22.5
d) \\[\frac{17623.25}{2} - 225^2 \]
= 12.
e) 49 and sold from the consist the party of value of that
have more shart & standard deviations from the palan
a west martine condution
1, as shope is only I value that is greater than 58.8
Mf) q=2xb=21
607.5+21+24 = 22.5 ×=22.5
29
as the both values are above the current median, the median
will iderlase
g), all more values are closerte the mean, so, the spread
in less
The second secon
off the first of

(SE)
a) R + R + R + R = 1
3h 2.5h 50 + 50 + 50 = 1
50 50 50 50
137 b = 50 800 =
$\frac{137}{12} k = 50$ $k = \frac{600}{137}$
\$180.137 \$5000 \$ 5000
5) 1909 May 1800
12 × ½ 50 × 30
600 600 132 × 137 = 0.0128
50 70
の(文字を記録がプリリンラチャでとこり)
() an= 10 + d (1-1)
(d 1) 25000 1 AUGUS 125
an=10+150(4-1)
more Sommer feel
an =

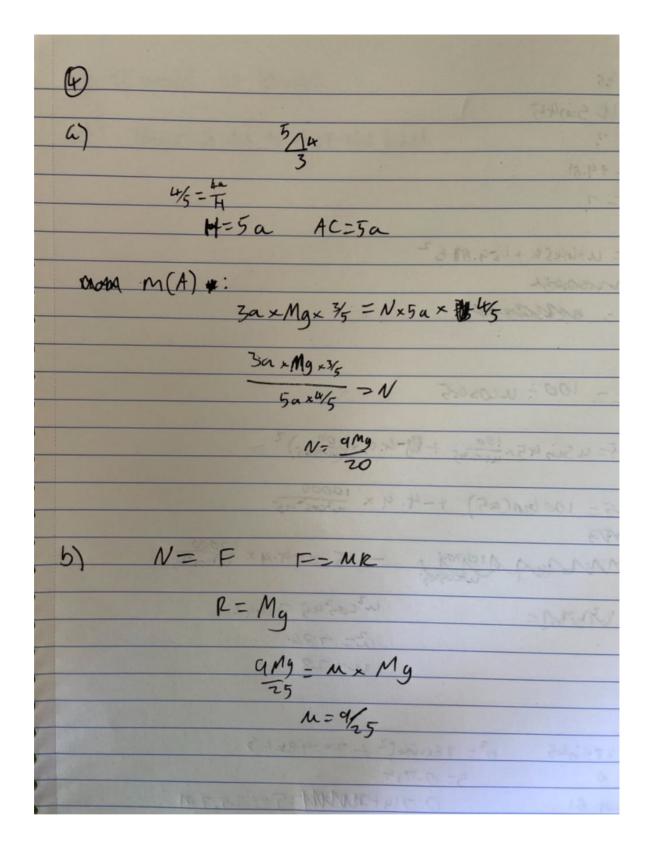




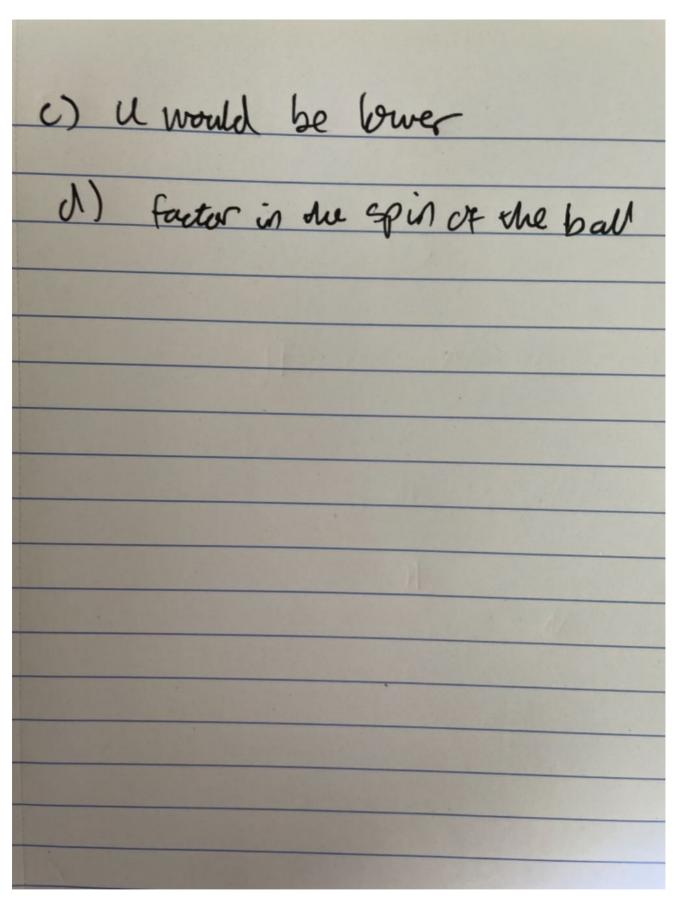
Pad
a) v= 7t -2t2+14-4t
V262+36+14
dv4t +3
dt -
0=-4E+3
4E=3 (6)0 × (6)3
t=3/45
20(0) 4 (015)
b) 5=-3/3 t3 + 3/2 t2 + 14t + C
(20)
$\frac{d^2v}{dt^2} = -4 \text{ ms}^{-1}$
at 11000000
4×3/4=3M
(3)975 19109
- ARANA



Pukka	
3	15.
a) R= 20+13/5+30x	25
R= 27.5N	
LONDON DE COS	CROKING SOUND INVOOR
b) F= 30×省+ 長x	20
F= 35.38	orbic = 600 pt 060 pt to
35.38=M27.5 F=MR	
M=1.29	450004
F-30×12	5 x20
== 20	13 (20172)
20 = M27.5	
M= 0.727	0387 > 7. x09 x412
MA TO	15910-1380 1230+
0.7275ME1.29	
	23070 5 24-E
() R= 20x12	5 09 b 4000 =1
	290 224080
F=MMR F=1/2×	16
10 2 Way F=13	
20x \frac{5}{3} - 1\beta_3 = \frac{20}{9.8} \times a	ip no stor traces and e
a=1.16m52	F=Ma
2-1.10/113	



Pukka
(5) a) 5:25
U=USin45
V = 7.
a= +9.81
t-1
ATEST ACETA
-25= usinkse+1/=9.81 E2
VESUSGRUEL
US- and staged
-7 STAPPLANT
£ = 100 = ucosus
- 25= u Sis 45 × 100 + 10-4. 9 × (100 x 5) 2
4(6)-4
-25 - 100 ten (45) +-4. 9 x 10000
47/5
10000
4761 4 A 10009 -125 = -4.4 × 200345
12 cos us = 392
2= 784
u= 784
00,28
5) 5=?
4=285in45 02=28x5in462 + 2x-9.8=x5
V=0 5=0.714
a=9.81 0.714+MMM25=25.7M



Ethan Tesdale