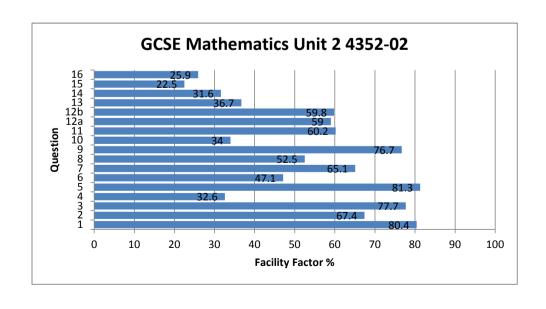
WJEC 2014 Online Exam Review

GCSE Mathematics Unit 2 4352-02

All Candidates' performance across questions

?	?	?	?	?	?	?
Question Title	N	Mean	S D	Max Mark	F F	Attempt %
1	1047	1.6	0.7	2	80.4	99.6
2	1050	5.4	1.8	8	67.4	99.9
3	1049	1.6	0.7	2	77.7	99.8
4	1014	1.6	2.1	5	32.6	96.5
5	1009	2.4	0.9	3	81.3	96
6	1028	0.9	0.9	2	47.1	97.8
7	1025	2.6	1.6	4	65.1	97.5
8	1046	3.1	2	6	52.5	99.5
9	1037	3.1	1.2	4	76.7	98.7
10	1036	1	1.1	3	34	98.6
11	1022	2.4	1.5	4	60.2	97.2
12a	1039	1.2	0.8	2	59	98.9
12b	1017	1.8	1.1	3	59.8	96.8
13	1025	1.5	1.3	4	36.7	97.5
14	1039	1.9	1.6	6	31.6	98.9
15	1026	1.1	1.5	5	22.5	97.6
16	939	0.5	0.7	2	25.9	89.3



12.	(a)	Expand and simplify $(c + 3)(2c - 5)$.	[2]	Exam onl
	•••••			

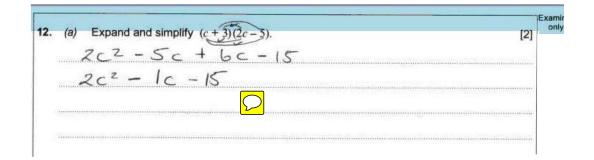


© WJEC CBAC Ltd. (

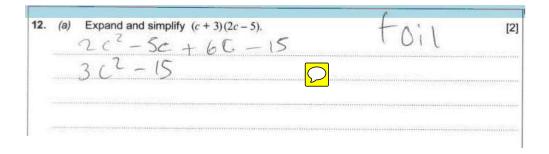
(a) Expand and simplify $(c+3)(2c-5)$.	[2]
20x (+ Cx-5 + 3x2c + 3x-5	
2c3 45 5c + 6c 7 15	
763 - 11c -15	
The state of the s	
*	
(b) Make w the subject of the following formula.	[3]

 20x(+Cx-5+3x2c+3x-5	
203 6-50 + 60 Z 15	***************************************
 703 - 110-15	

12. (a) Expand and simplify $(c+3)(2c-5)$.	
2c2-5c+6c-15	
202-10-15	



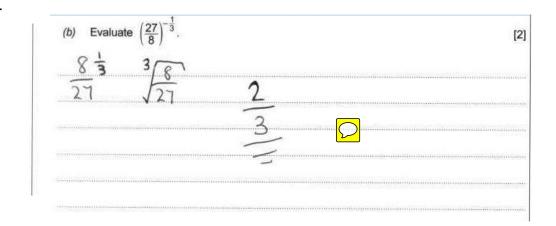
(a) E	xpand and simple	lify $(c+3)(2c-5)$. + $6 \cdot (c-15)$	toil	[2]
3	12-15	1		***************************************
		v		

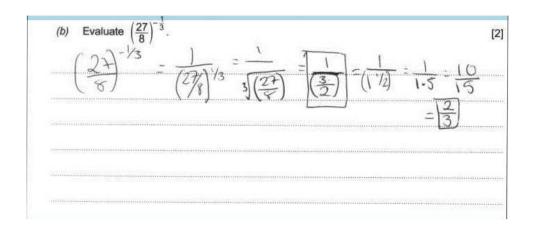


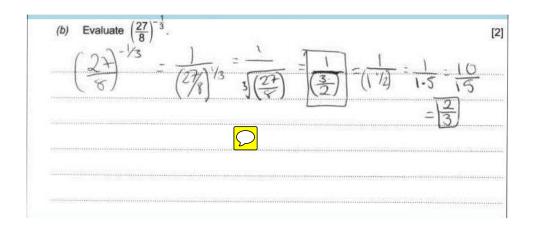
	Ex	xami only
(b) Evaluate $\left(\frac{27}{8}\right)^{-\frac{1}{3}}$.	[2]	



(b) Evaluate $\left(\frac{27}{8}\right)^{-\frac{1}{3}}$.	[2
8 3 3/8	
$\overline{27}$ $\sqrt{27}$	2
	3
THE THE PARTY OF T	







Evaluate $\left(\frac{27}{8}\right)^{-\frac{1}{3}}$.	[2]
0 3 0	** ** **
$\frac{8}{27} = \frac{2}{27}$	** ** **

(b)	Evaluate $\left(\frac{27}{8}\right)^{-1}$	<u>1</u> 3					[2]
		3		***************************************		 	
	8	macatalismini apparatus			***************************************	 	
	27		<u> </u>				, . , . , , , , , , , , , , , , , , , ,
		, , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		 	
			* * * * * * * * * * * * * * * * * * * *		******************	 	

15.	Each of the	numbers	1,	3,	5,	5,	5,	6,	7,	8	is	written	on	а	card.
-----	-------------	---------	----	----	----	----	----	----	----	---	----	---------	----	---	-------

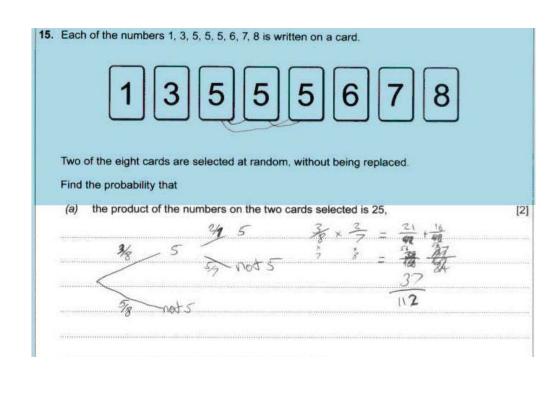
1 3 5 5 5 6 7 8

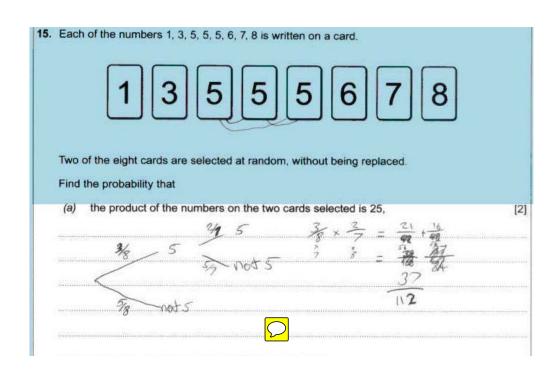
Two of the eight cards are selected at random, without being replaced.

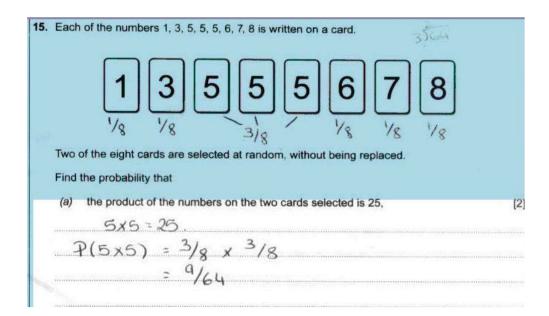
Find the probability that

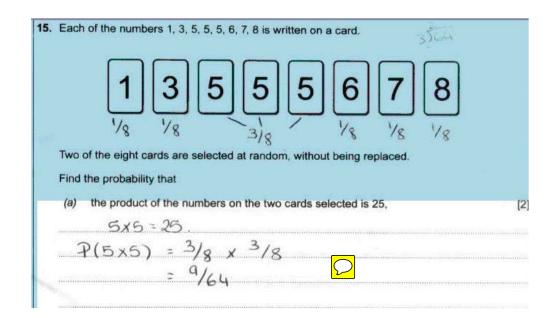
(a)	the product of the numbers on the two cards selected is 25,	[2]
•••••		
•••••		











15. Each of the numbers 1, 3, 5, 5, 5, 6, 7, 8 is written on a card.

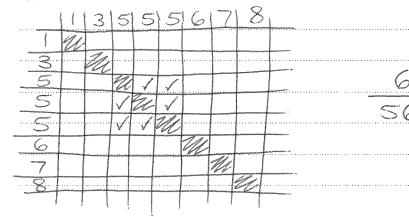
1 3 5 5 5 6 7 8

Two of the eight cards are selected at random, without being replaced.

Find the probability that

(a) the product of the numbers on the two cards selected is 25,

[2]



15	Each of the	numbers 1	3	5	5	5	6	7	8 is	written	on a	card
10.	Each of the	Humbers 1	, J,	υ,	Ο,	٠, است	υ,	٠,	U 13	AALIGGE	OHO	Guiu.

1 3 5 5 5 6 7 8

Two of the eight cards are selected at random, without being replaced.

Find the probability that

(a) the product of the numbers on the two cards selected is 25,

[2]

