New Maths GCSE: N7 - Laws of Indices - positive powers



Name:...... Date:......

$$2^3 \times 2^2 =$$

- A 46
- ^B 4⁵
- $\sim 2^6$
- $^{\circ}$ 2^{5}

Correct Answer: A B C D

Explanation:

	 	-			 							•		 			 				•					-	 		 			
	 											•		 			 				•						 					
	 		•		 		•					•	•	 			 		•		•						 		 			

.....

$$3^5 \times 3^3 =$$

- A 38
- 3^{15}
- 98
- $^{\circ}$ 6¹⁵

Correct	Answer:	Α	В	C D
			_	

Explanation:

•••																											
•••	• • •	•••	•••	• • • •	••••	• • • •	•••	•••	•••	•••	• • •	• • •	••	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	••	•••	
•••		•••	•••	• • • •	• • • •			• • •		•••													•••				

$$2^4 \times 3^2 =$$

- <u>5</u>
- 68
- **6**6
- None of these options

Correct Answer: A B C D

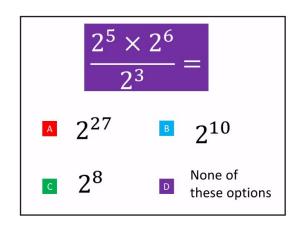
Explanation:

	A 3 ²	Correct Answer: A B C D
4.0	5	Explanation:
310	B 3 ⁵	
	- 3	
25	1^2	
3		
	05	
	0	
		Correct Answer: A B C D
	A 4 ³	Explanation:
1.09	B 13	
$ \frac{1}{43} = $	1 ⁶	
45		
	D 46	
	40	
	(Correct Answer: A B C D
	⁴ 2 ⁶	Explanation:
108	B 24	
10	^B 2 ⁴	
$\frac{1}{52} = \frac{1}{52}$	5 ⁴	
52	5 5 -	
	None of	
	these options	
		Correct Answer: A B C D
(2^3)	4	Explanation:
A 2^{12}	B 2 ⁷	
_ <4	None of	

these options

(3	$(0)^5 = $
A 5	1
0	D 3 ⁵

Correct Answer: A B C D
Explanation:



Co	orrect A	nswer	: A B (C D	
Ex	kplanati	on:			

	$\frac{(3^2)}{}$	$\frac{\times 3^4}{3^2}$	$\frac{1}{1} = \frac{1}{1}$
А	3 ¹⁴	В	3^{62}
С	3 ¹⁰	D	None of these options

Correct Answer: A B C D Explanation: