NAMA :

KELAS :

MATEMATIK TINGKATAN 3

HUKUM INDEKS

1. $a^0 = \square$
2. $a^{\square} = \frac{1}{a^n}$; $a \neq 0$
3. $(a^x)^y = a^{\square}$
4. $a^x \square a^y = a^{x+y}$
5. $a^x \div a^y = a^{\square}$
6. $(a^x \times b^y)^z = a^{\square} \times b^{\square}$
7. $(a^x \div b^y)^z = \square^{xz} \div b^{yz}$
8. $a^{\frac{m}{n}} = (a^{\square})^{\frac{1}{n}}$ @ $(a^{\frac{1}{n}})^m$
9. $a^{\frac{m}{n}} = \square\sqrt{a^m}$ @ $(\sqrt[n]{a})^m$

LIVEWORKSHEETS

JADUAL INDEKS

n	2	3	4	5	6	7	8	9	10
2		8	16	32	64		256	512	1024
3	9	27		243	729	2187			
4	16	64	256		4096				
5	25		625	3125					
6		216	1296						
7	49	343							
8	64		4096						
9	81	729	6561						
10		1000	10000	100000					
11	121	1331							
12	144								

LIVEWORKSHEETS