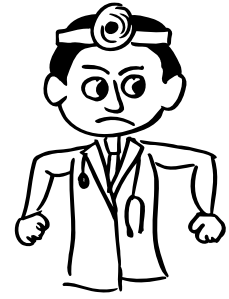


# What Did the Doctor Say to the Hysterical Curtains?



**Part I.** Write the following as a base and exponent.

Ⓔ  $3 \cdot 3 \cdot 3 \cdot 3$

Ⓓ  $8 \cdot 8 \cdot 8 \cdot 8 \cdot 8 \cdot 8 \cdot 8$

Ⓞ  $7 \cdot 7 \cdot 7 \cdot 7 \cdot 7 \cdot 7 \cdot 7 \cdot 7$

Ⓞ  $5 \cdot 5 \cdot 5 \cdot 5$

Ⓛ  $4 \cdot 4 \cdot 4 \cdot 4 \cdot 4$

Ⓕ  $4 \cdot 4 \cdot 4$

**Part II.** Evaluate the following powers.

Ⓤ  $8^2$

Ⓡ  $5^3$

Ⓨ  $3^5$

ⓗ  $4^4$

Ⓤ  $9^2$

Ⓔ  $7^0$

Ⓡ  $3^3$

Ⓢ  $8^1$

**Part III.** Find the missing power to make the following statements true.

Ⓛ  $3^x = 81$

Ⓓ  $4^x = 64$

Ⓟ  $2^x = 64$

Ⓖ  $5^x = 25$

Ⓔ  $2^x = 32$

Ⓛ  $15^x = 1$

6	64	0	$4^5$	16	243	$5^4$	81	27	8	$3^4$	4	$4^3$	9	3	$7^8$	2	5	$8^7$	256	1	125	