

1.

$$\frac{40 \mid 5}{0 \quad 8}$$

$$8 \times 5 = 40 \times 5 = 200 + 6 = 206 \div 2 = 103 \times 3 = 309 + 4 = 313 - 5 =$$

$$308 \times 2 = 612 \div 10 = 61$$

$$\begin{array}{r} 40 \\ 40 \\ 40 \\ 40 \\ 40 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 206 \mid 2 \\ 06 \quad 103 \\ 0 \end{array}$$

$$\begin{array}{r} 103 \\ 103 \\ \hline 103 \\ 309 \end{array}$$

$$\begin{array}{r} 308 \\ 308 \\ \hline 616 \end{array}$$

$$\begin{array}{r} 612 \mid 10 \\ 12 \quad 61 \\ 2 \end{array}$$

2.

$$\sqrt[3]{343} = 7$$

$$6 - 1 = 5$$

$$\begin{array}{r} 15 \mid 5 \\ 0 \quad 3 \end{array}$$

$$9 - 3 = 6$$

$$\begin{array}{r} 6 \mid 2 \\ 0 \quad 3 \end{array}$$

$$7 \times 6 = 42$$

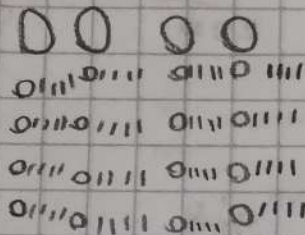
$$5 + 36 \quad 3 + 3 = 6$$

4.

$$7^2 = 49$$

5.

$$4 \times 4 = 16$$



$$\begin{array}{r} 16 \\ + 16 \\ \hline 32 \\ + 16 \\ \hline 48 \\ + 16 \\ \hline 64 \end{array}$$

Niveles

6.	L										
	1	2	3	4	5	6	7	8	9	10	11
	2	4	8	16	32	64	128	256	472	824	

12

$$\begin{array}{r} 1 \\ 256 \\ + 256 \\ \hline 472 \end{array}$$

$$\begin{array}{r} 472 \\ + 472 \\ \hline 824 \end{array}$$

$$\begin{array}{r} 16 \\ + 16 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 32 \\ + 32 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 64 \\ + 64 \\ \hline 128 \end{array}$$

$$\begin{array}{r} 128 \\ + 128 \\ \hline 256 \end{array}$$

$$\begin{array}{r} 6. \\ 71 \quad 72 \\ 7.248 \quad 2.496 \end{array}$$

$$\begin{array}{r} 824 \\ + 824 \\ \hline 1248 \end{array}$$

$$\begin{array}{r} 7248 \\ + 1.248 \\ \hline 2.496 \end{array}$$

7.

$$\log 100 = 2 + 8 = 10 \times 3^2 = 180 - 63 = 117 \div 7 = 16 + 50 = 66$$

$$2 + 5 = 7$$

$$3^2 = 18$$

$$\begin{array}{r} 117 \overline{) 117} \\ 47 \overline{) 16} \\ 5 \end{array}$$

9.

$$8^4 = 4.096$$

$$8 \times 8$$