

1. SIMULTANEOUS EQUATIONS

$$L + 3V = 65$$

$$2M + 5V = 45^2$$

$$M - 2L = 900.$$

What is $3(M - L + V)$?

2. NUMBER SEARCH

S	E	S	F	T	T	E	N
S	I	E	I	W	I	X	E
I	G	V	V	E	O	N	L
X	H	E	E	L	E	T	E
T	T	N	W	V	F	H	V
O	N	E	O	E	O	R	E
N	T	W	O	I	U	E	N
N	I	N	E	N	R	E	E

3. THE RIDDLE

This riddle is guaranteed to *stump* you.

How many paces should you walk “SSW”?

(you won't believe the answer is 5!)

4. SIMPLIFY

$$\frac{4a^2 + 6ac + 4ad - 25b^2 - 15bc - 10bd}{2a - 5b}$$

5. MISSING NUMBER

4, 9, 28, 125, 726, ????, 40328

6. CARVED WOOD STATUE

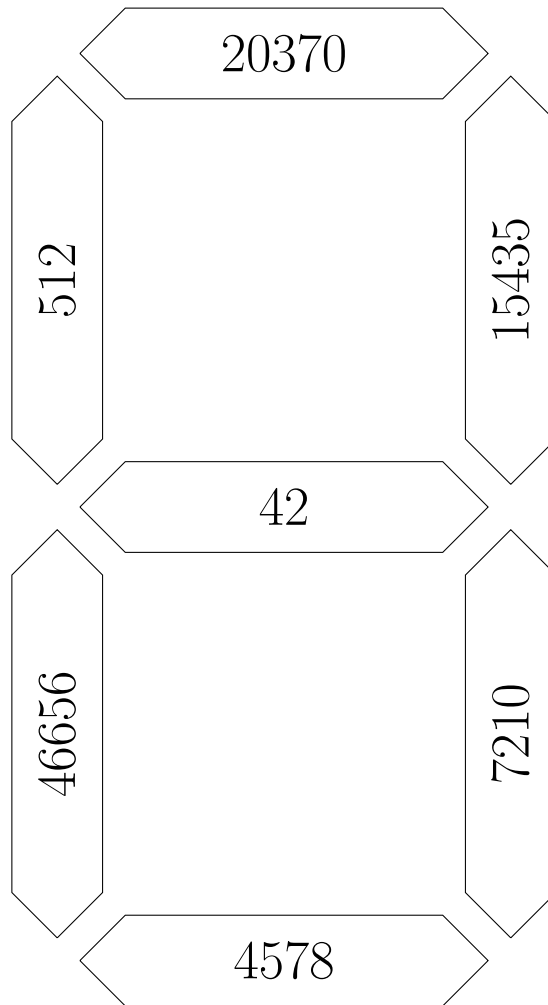
Go find the carved wood statue!

x = number of Moreporks.

y = number of Logs.

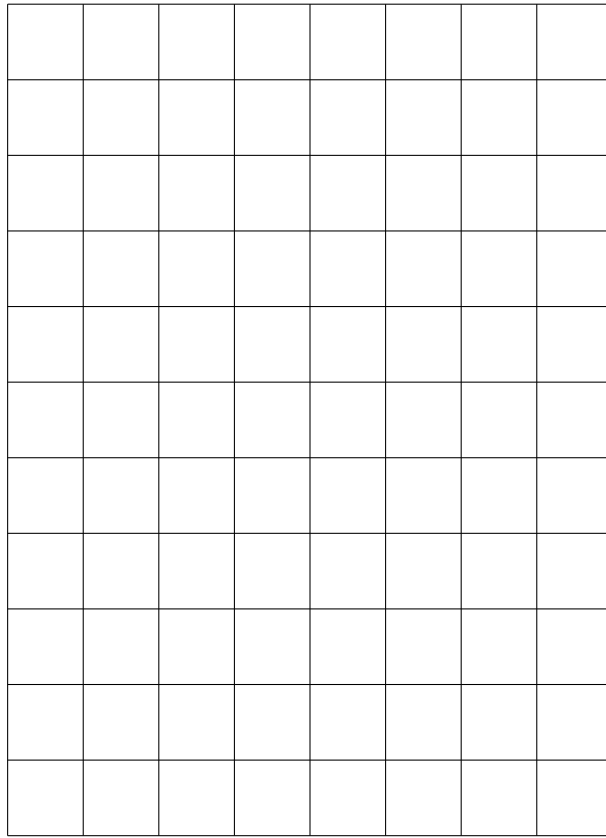
What is $(10y + x)^x$?

7. SEVEN SEGMENT DISPLAY



2	3	5	7
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8. COUNT THE RECTANGLES



How many rectangles can you find using only the lines in the above diagram.

9. JUMPING PILLOW

Count the number of:

- Rules of Play
- Different Colours on Pillow
- Shoe Lockers

10. TRI-ALPHAMETIC

$$\begin{array}{r} \text{BEAM} \\ + \text{TREAT} \\ \hline \text{TURBO} \end{array}$$
$$\begin{array}{r} \text{ME} \\ + \text{MAP} \\ \hline \text{ARAB} \end{array}$$
$$\begin{array}{r} \text{UP} \\ + \text{BRETT} \\ \hline \text{BROKE} \end{array}$$

B U M P

11. RUNES

THM þNABMR FF WFN4 IT
F PMMA. HFP AF+M AF+TH4
HFAM THIRTA WFN4. THM
þNABMR FF LF+M↑4 IT
THM HF+R H4+M (LF+M
I4 +F↑ F LF+M↑). THM
HJNFRM RFF↑ FF ↑PM+TA
FIAM.

Puzzle	Answer
1	2865
2	6129
3	1234
4	2532
5	5047
6	8464
7	2376
8	6273
9	8318
10	3498
11	7485