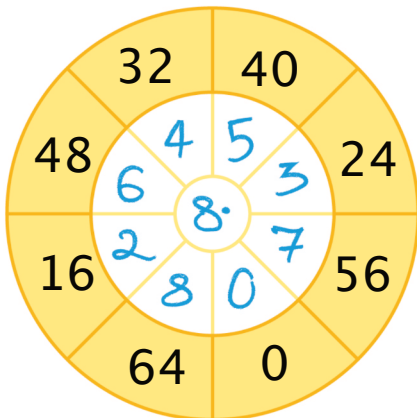




Problem 1

3 points

correct answer: 2121413010



No. of digits

0	1	2	3	4	5	6	7	8	9
2	1	2	1	4	1	3	0	1	0

Code:

Problem 2

3 points

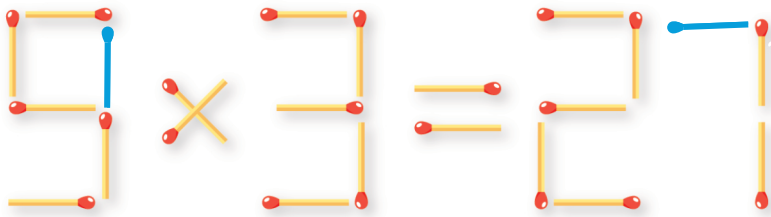
correct answer: 9711

$$\begin{aligned} & \star 9 \cdot 8 = 72 \\ & (\bigcirc 7 + 5) \cdot 7 = 84 \\ & 6 \cdot (\square 11 - 5) = 36 \\ & \star \bigcirc \square = 9711 \end{aligned}$$

Problem 3

4 points

correct answer: $9 \cdot 3 = 27$



Problem 4

4 points

correct answer: 30

4	4	2	1	3
3	3	1	4	2
2	2	4	3	1
1	1	3	2	4
	A	B	C	D

$$(2A+3C-2D) \cdot (1C+3B-3A+4D+1B) =$$

$$=(2+4-1) \cdot (2+1-3+3+3)=30$$

Problem 5

5 points

correct answer: 7

•	8	6	7	4
6	48	36	42	24
5	40	30	35	20
9	72	54	63	36
3	24	18	21	12

Problem 6

5 points

correct answer: 636442361849122125

A	B	C	D	E	F	G	H	I
63	64	42	36	18	49	12	21	25

