

Problem 4

4 points

correct answer: 11

•	7	8	6	3	2
4	28	32	24	12	8
7	49	56	42	21	14
5	35	40	30	15	10
9	63	72	54	27	18
2	14	16	12	6	4

11

Problem 5

5 points

correct answer: 16

5	5	4	3	2	1
4	1	3	2	4	5
3	2	1	5	3	4
2	3	5	4	1	2
1	4	2	1	5	3
	A	B	C	D	E

$$(3D+2B) : 5D \cdot (3B+1D+1E-3C) = \\ = (3+5) : 2 \cdot (1+5+3-5) = 8 : 2 \cdot 4 = 4 \cdot 4 = 16$$

Problem 6

5 points

correct answer: 13



= 7



= 4



= 2



+



+



= 13



Problem 1

3 points

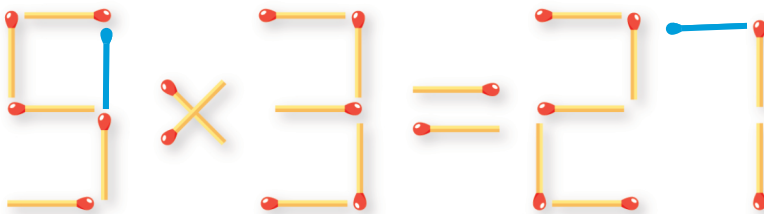
correct answer: 636442361849122125

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

Problem 2

3 points

correct answer: $9 \times 3 = 27$



Problem 3

4 points

correct answer: 773

$$17 + (\text{☆}7 + 1) \cdot 6 = 65$$

$$(\text{○}7 + 4) \cdot 3 - 8 : 2 \cdot 4 = 17$$

$$\text{□}3 \cdot 18 : 9 \cdot 2 + 3 = 15$$

$$\text{☆} \text{○} \text{□} = 773$$

Problem 4 4 points

correct answer: 11

•	13	7	8	10	4
3	39	21	24	30	12
6	78	42	48	60	24
8	104	56	64	80	32
7	91	49	56	70	28
11	143	77	88	110	44

Problem 5 5 points

correct answer: 99

5	1	5	4	3	2
4	3	4	2	5	1
3	2	1	5	4	3
2	5	2	3	1	4
1	4	3	1	2	5
	A	B	C	D	E

$$(3C+2B+4B) \cdot (5B+4C-2C+1E) =$$

$$=(5+2+4) \cdot (5+2-3+5)=99$$

Problem 6 5 points

correct answer: 880900022

	49	64		4	
	7	X	X	2	4
16	X	8	X	2	3
40	X	8	5	X	2
63	7	X	9	X	1
	A	B	C	D	

B2	B3	B4	C1	C3	C4	D2	D3	D4
8	8	0	9	0	0	0	2	2



Problem 1

3 points

correct answer: 37

$$\text{Owl with book} = 7 \quad \text{Owl with graduation cap} = 2 \quad \text{Owl with chalkboard} = 5$$

$$\text{Owl with graduation cap} + \text{Owl with chalkboard} \cdot \text{Owl with book} = 37$$

Problem 2

3 points

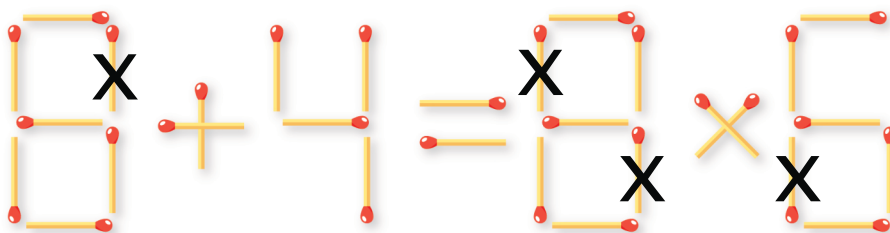
correct answer: 12

3	•	2	9
2	6	12	54
1	5	10	45
	A	B	C

Problem 3

4 points

correct answer: $6+4=2*5$



Problem 4

4 points

correct answer: 8216

$$\textcircled{8} \cdot \boxed{2} = \text{☆}1\text{☆} \text{ 6}$$

$$\text{6} \cdot \boxed{2} = \text{☆}1\text{☆} \text{ 2}$$

$$\textcircled{} \square \text{☆} \text{ 6} = 8216$$

Problem 5

5 points

correct answer: 225

6	2	5	3	1	4	6
5	6	4	5	3	2	1
4	4	3	6	2	1	5
3	5	1	2	4	6	3
2	1	6	4	5	3	2
1	3	2	1	6	5	4
	A	B	C	D	E	F

$$(4C+3E+1A) \cdot (3D+1E+2A+6B) =$$

$$=(6+6+3) \cdot (4+5+1+5)=225$$

Problem 6

5 points

correct answer: 900006640

	27	32	36		12	
24	x	4	6	x	✕	5
42	x	x	6	7	x	4
16	x	8	x	2	x	3
9	3	x	x	x	3	2
36	9	x	x	x	4	1
	A	B	C	D	E	

A1	A4	B1	B4	C1	C4	C5	E1	E4
9	0	0	0	0	6	6	4	0