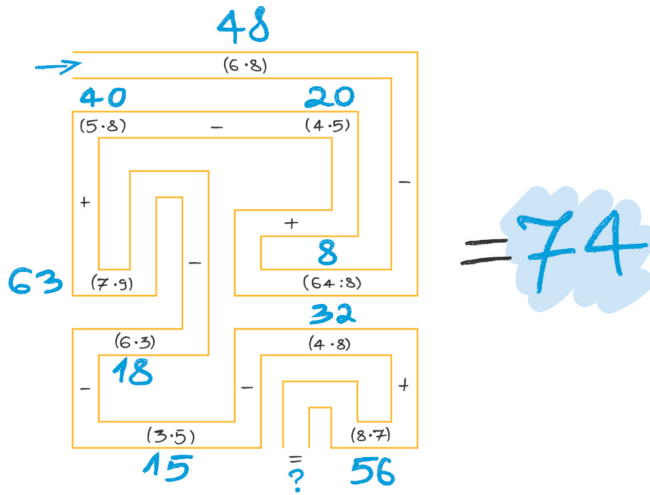




Problem 1

3 points

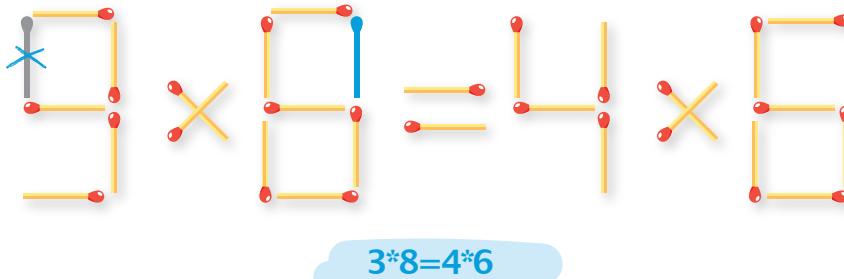
correct answer: 74



Problem 2

3 points

correct answer: $3 \cdot 8 = 4 \cdot 6$



Problem 3

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 4

4 points

correct answer: 15



$= 7$



$= 4$



$= 2$



+



·



=

15

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: 987264153

	9		8		72
A	·	B	=	CD	
+		+		:	
E	·	F	=	DF	24
=		=		=	
GH	-	GD	=	I	
	15		12		3

$ABCDEFGHI = 987264153$



Problem 1

3 points

correct answer: 773

$$17 + (\star 7 + 1) \cdot 6 = 65$$

$$(\odot 7 + 4) \cdot 3 - 8 : 2 \cdot 4 = 17$$

$$\square 3 \cdot 18 : 9 \cdot 2 + 3 = 15$$

$$\star \odot \square = 773$$

Problem 2

3 points

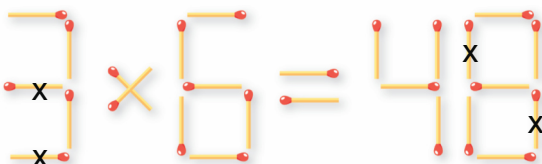
correct answer: 11

•	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 3

4 points

correct answer: $7 \cdot 6 = 42$



Problem 4

4 points

correct answer: 009830023

	28	49		24	6	
27	X	X	9	X	3	5
6	X	X	X	3	2	4
	7	X	X	8	X	3
63	X	7	9	X	X	2
28	4	7	X	X	X	1
	A	B	C	D	E	

C3	C4	C5	D3	D4	D5	E3	E4	E5
0	0	9	8	3	0	0	2	3

Problem 5

5 points

correct answer: 35

4	•	5	8	7
3	3	15	24	21
2	7	35	56	49
1	9	45	72	63
	A	B	C	D

Problem 6

5 points

correct answer: 154

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

$$(4A+3C+1D) \cdot (4D+5E+3B+3D)=$$

$$=(4+5+5) \cdot (2+4+4+1)=154$$

Answers- GAMMA



Day 3

Problem 1

3 points

correct answer: 37

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

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

Problem 2

3 points

correct answer: $9 \cdot 3 + 3 = 30$

$$9 \times 3 + 3 = 30$$

Problem 3

4 points

correct answer: 900006640

	27	32	36		12	
24	x	4	6	x	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

Problem 4

4 points

correct answer: 8432917

8	•	4	=	32
•		—		—
9	—	1	=	8
=		=		=
72	:	3	=	24

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: 485654

