DETECTIVE CIPHER

NAME: _____ DATE: _____

Solve the math problems, find numbers in the code, and reveal the secret message!

CASE 01

The Case of the Lost Crown

Detective Jack found a mysterious riddle in an old castle. Solve the math problems, find numbers in the cipher code, and reveal who took the golden crown!

DETECTIVE'S CIPHER CODE (Calculation result reveals letter):

5	6	7	8	9	10	11	12
R	H	K	A	I	O	G	N
14	15	19	22	23	24	25	
D	E	C	T	V	W	Y	

PART 1: THE SECRET QUESTION

15+9	14-8	5+5	14+8	6+4	18-8	13-6	11+11	15-9	9+6

12+7	11-6	4+6	16+8	7+5	?

PART 2: THE DETECTIVE'S ANSWER

16-8	13+9	17-8	6+6	18+7	20-6	14-9	15-7	8+3	20-10	18-6	14-5	8+4

15+7	13-7	8+7	11+8	12-4	17+6	20-5	!

☐ All math calculations verified ☐ Detective case successfully solved!

CASE SOLVED ✓

SOLUTION: DETECTIVE CIPHER

Answer key for easy checking and verification

NAME: _____ **DATE:** _____

CASE 01 **The Case of the Lost Crown**

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24	6	10	22	10	10	7	22	6	15
W	H	O	T	O	O	K	T	H	E

12+7	11-6	4+6	16+8	7+5	
19	5	10	24	12	?
C	R	O	W	N	

PART 2: THE DETECTIVE'S ANSWER

16-8	13+9	17-8	6+6	18+7	20-6	14-9	15-7	8+3	20-10	18-6	14-5	8+4
8	22	9	12	25	14	5	8	11	10	12	9	12
A	T	I	N	Y	D	R	A	G	O	N	I	N

15+7	13-7	8+7	11+8	12-4	17+6	20-5	
22	6	15	19	8	23	15	!
T	H	E	C	A	V	E	

✓ All math calculations verified ✓ Detective case successfully solved!

CASE SOLVED ✓