DETECTIVE CIPHER

NAME: _____ DATE: _____

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

CASE 02 ## The Case of the Forest Thief

Detective Lily is investigating missing forest treats. Solve the math problems, look up numbers in the code, and reveal the secret nut thief!

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

5 H	7 K	8 R	9 I	10 A	11 O	12 N	14 E
16 L	18 S	19 C	20 T	22 U	24 W	26 Q

PART 1: THE SECRET QUESTION

16+8	11-6	6+5		13+7	17-6	5+6	12-5		15-5	8+8	11+5		12+8	13-8	7+7
6+6	15+7	14+6	11+7	?

PART 2: THE DETECTIVE'S ANSWER

18-8	17+9	14+8	17-8	13+6	16-9		12+6	18+8	13+9	14-5	16-8	15-7	8+6	20-4
18-9	7+5		15+5	12-7	9+5		16+4	12-4	19-5	20-6	!

☐ All math calculations verified ☐ Detective case successfully solved!

CASE SOLVED ✓

SOLUTION: DETECTIVE CIPHER

Answer key for easy checking and verification

NAME: _____ **DATE:** _____

CASE 02 **The Case of the Forest Thief**

Detective Lily is investigating missing forest treats. Solve the math problems, look up numbers in the code, and reveal the secret nut thief!

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

5	7	8	9	10	11	12	14
H	K	R	I	A	O	N	E
16	18	19	20	22	24	26
L	S	C	T	U	W	Q

PART 1: THE SECRET QUESTION

16+8	11-6	6+5	13+7	17-6	5+6	12-5	15-5	8+8	11+5	12+8	13-8	7+7
24	5	11	20	11	11	7	10	16	16	20	5	14
W	H	O	T	O	O	K	A	L	L	T	H	E

6+6	15+7	14+6	11+7	
12	22	20	18	
N	U	T	S	?

PART 2: THE DETECTIVE'S ANSWER

18-8	17+9	14+8	17-8	13+6	16-9	12+6	18+8	13+9	14-5	16-8	15-7	8+6	20-4
10	26	22	9	19	7	18	26	22	9	8	8	14	16
A	Q	U	I	C	K	S	Q	U	I	R	R	E	L

18-9	7+5	15+5	12-7	9+5	16+4	12-4	19-5	20-6	
9	12	20	5	14	20	8	14	14	
I	N	T	H	E	T	R	E	E	!

✓ All math calculations verified ✓ Detective case successfully solved! **CASE SOLVED ✓**