

# The Stolen Dragon Head

In the town of Westleigh, people are preparing for Chinese New Year. Everyone is very excited and really looking forward to the fabulous Dragon Dance. The dances are to be performed by the Lily Yun Dance Troupe; the wonderful costumes they will wear have taken a long time to make.

However, two days before the big day, the dragon head has gone missing! The performance cannot go ahead without it and it has taken three weeks to make – there is no time to make a replacement!

As Detective Chief Inspector, it is your job to look at all the clues, and find out who has stolen the dragon's head. Your officers have taken down the descriptions of all the people in the dance troupe as only they have had access to the costume cupboard.



## Lily Yun Dance Troupe Members

Name	Male/Female	Age	Height	Hair length	Glasses
Chen	F	32	tall	long	Y
Mark	M	28	tall	short	Y
Ken	M	22	short	bald	Y
Lan	F	35	short	short	N
Jayne	F	18	short	long	Y
Lily	F	29	tall	long	Y
Keung	M	30	tall	short	N
Symmon	M	17	short	bald	N
Jia	F	22	tall	short	Y
Kee	M	38	short	bald	N
Chi	M	50	tall	short	Y
Diana	F	41	tall	long	Y
Shun	F	33	short	long	Y
Ming-húa	M	40	short	long	N
Ray	M	29	short	short	N
Alusine	M	17	tall	short	Y
Yun	F	30	short	short	N
Daniel	M	32	short	short	Y
Linqin	F	26	tall	long	Y
Steve	M	22	short	short	N
Geming	M	31	short	bald	Y
Dai-tai	F	30	tall	short	Y
Anna	F	19	short	long	Y
Dharmesh	M	39	short	short	N
Zhen	F	21	short	long	N
Lin	F	53	short	long	Y
Hamza	M	45	short	short	N
Tony	M	40	tall	short	Y
Lee	M	32	short	long	Y
Gui	M	28	tall	short	Y

# Clue 1

Count in the specified multiples from the first number in the circle, then take the last number you reach and find the corresponding word in the table below. Then, rearrange the words to form a sentence and solve the first clue.

Count on in multiples of 8

4 ○ ○ ○ ○ ○ ○ ○

Count on in multiples of 50

16 ○ ○ ○ ○ ○ ○ ○

Count on in multiples of 9

23 ○ ○ ○ ○ ○ ○ ○

Count on in multiples of 100

42 ○ ○ ○ ○ ○ ○ ○

316 thief	940 stole	72 could	65 tall
48 lost	77 was	88 a	642 the
442 dragon	35 before	52 short	215 for

Clue: \_\_\_\_\_

## Clue 2

Multiply the numbers to spell out the correct words to solve the next clue.

A	B	C	D	E	F	G	H	I	J	K	L	M
10	12	14	16	18	20	22	24	26	28	30	32	34
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
36	38	40	42	44	46	48	50	52	54	56	58	60

$$(5 \times 2) (12 \times 4) / (4 \times 12) (12 \times 2) (9 \times 2)$$

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$$(23 \times 2) (7 \times 2) (9 \times 2) (6 \times 6) (9 \times 2)$$

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$$(8 \times 4) (2 \times 19) (6 \times 6) (2 \times 11)$$

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$$(3 \times 8) (5 \times 2) (13 \times 2) (4 \times 11)$$

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$$(23 \times 2) (4 \times 12) (4 \times 11) (2 \times 5) (12 \times 3) (8 \times 2) (2 \times 23)$$

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$$(2 \times 27) (2 \times 9) (22 \times 2) (9 \times 2)$$

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$$(2 \times 10) (19 \times 2) (5 \times 10) (3 \times 12) (2 \times 8)$$

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Clue: \_\_\_\_\_

## Clue 3

Solve these number riddles. Then, look for the correct answer in the table below and write the corresponding words in a sentence to find out the next clue.

A. I think of a number and subtract seven. I then multiply by two. The answer is 38. What number was I thinking of?

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B. I think of a two-digit number which is a multiple of eight. The product of its digits is 24. What number was I thinking of?

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C. Find 2 two-digit numbers which are multiples of six where the sum of the digits of each number is 15.

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D. I think of a number and divide it by five. I then add nine. The answer is 17. What number was I thinking of?

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<b>64</b> <b>thief</b>	<b>24</b> <b>didn't</b>	<b>40</b> <b>the</b>	<b>19</b> <b>long</b>	<b>96</b> <b>dropped</b>
<b>78</b> <b>glasses</b>	<b>46</b> <b>wear</b>	<b>72</b> <b>any</b>	<b>26</b> <b>their</b>	<b>22</b> <b>hair</b>

Clue: \_\_\_\_\_

## Clue 4

Solve these addition and subtraction statements then match up the answers and words.

$302 + 1000$

$2190 - 1000$

$3291 + 1000$

$7821 - 1000$

$6219 + 1000$

8821 (lost)

4191 (his)

4290 (did)

1302 (the)

4020 (male)

7219 (a)

4291 (thief)

6821 (was)

1190 (female)

Clue: \_\_\_\_\_

## Clue 5

Fill in the missing numerators of these fractions and then work out the correct word to solve the last clue.

$$\frac{1}{2} = \frac{\quad}{4} = \frac{\quad}{8} = \frac{\quad}{16}$$

$$\frac{1}{4} = \frac{\quad}{8} = \frac{\quad}{12} = \frac{\quad}{16}$$

$$\frac{2}{3} = \frac{\quad}{6} = \frac{\quad}{9} = \frac{\quad}{12}$$

$\frac{8}{16}$ the	$\frac{4}{8}$ years	$\frac{12}{20}$ after	$\frac{2}{8}$ forty
$\frac{5}{10}$ as	$\frac{16}{32}$ found	$\frac{2}{4}$ thief	$\frac{8}{10}$ twenty
$\frac{2}{3}$ fifty	$\frac{4}{6}$ was	$\frac{7}{10}$ dragon	$\frac{4}{16}$ thirty
$\frac{8}{12}$ and	$\frac{6}{24}$ head	$\frac{3}{12}$ between	$\frac{6}{9}$ old

Clue: \_\_\_\_\_

Have you solved all the clues and worked out who the thief of the dragon head is?