

The Mystery of the Naughty Gnome in the Gnome Valley

Gnome Valley is a beautiful, well-cared for garden. It is home to the happiest community of gnomes ever to grace a garden... or at least, it was.

All is not well in Gnome Valley. Over the past few nights, strange things have been happening. First, a group of fisher-gnomes had their rods stolen. Then, the 'Welcome to Gnome Valley' sign was hidden in a tree. Last night, while all the gnomes were sleeping, the gnome guards had their red uniform hats decorated with yellow spots!

This morning, Gnome News has reported that a naughty gnome is the only explanation for these strange situations. Gnome Valley Police are worried and have called in Detective Gnome to get to the bottom of what's going on.

Can you help Detective Gnome solve the problems to discover which naughty gnome is behind the devious deeds?



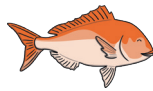
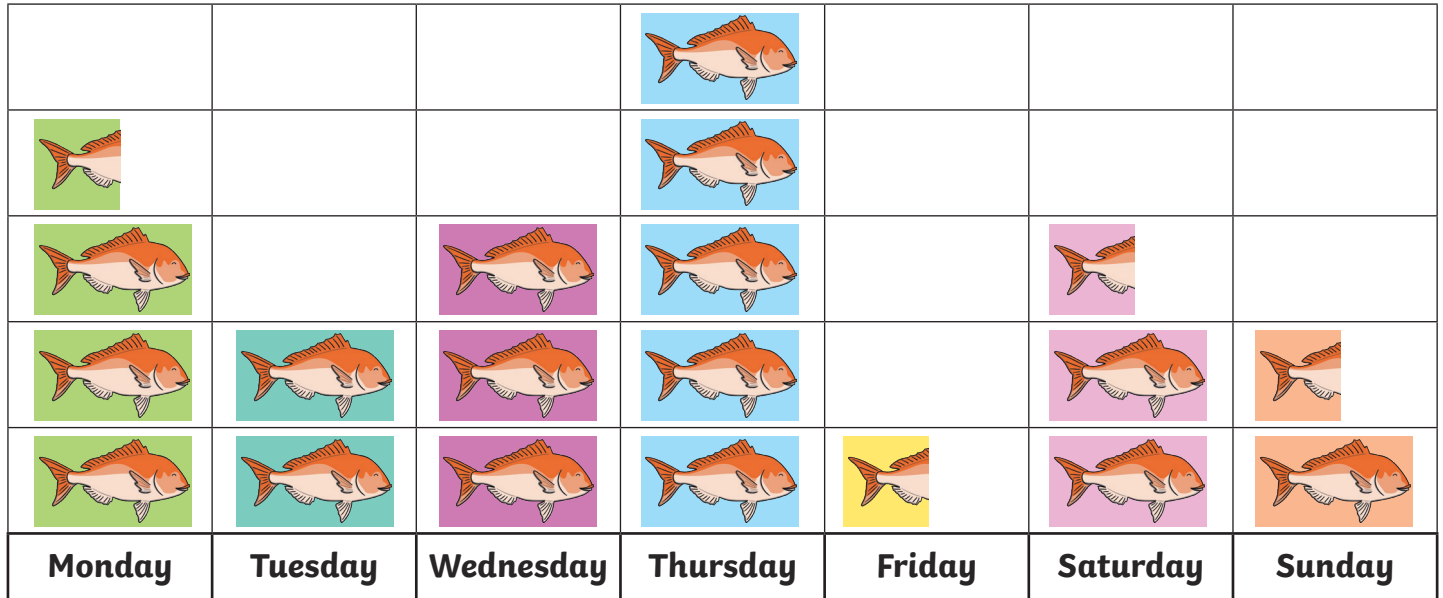
Name	Male or Female?	Height	Sitting or Standing?	Headwear
Annie Angel-Wings	female	25cm	standing	wig
Billy Biggs	male	19cm	standing	hat
Cody Catch-Fish	male	32cm	sitting	cap
Fenella Fizzlebang	female	32cm	standing	cap
Harold Holmes	male	28cm	sitting	hat
Irene Inkpot	female	28cm	sitting	hat
Jessie Jump-About	female	30cm	standing	wig
Lucy Lock-It-Up	female	24cm	sitting	cap
Margaret Mix-Stirrer	female	36cm	standing	hat
Norbert Nigglesnark	male	31cm	sitting	wig
Olly Over-Here	male	25cm	standing	wig
Pearl Pin-Cushion	female	19cm	sitting	cap
Rosie Rainbow-Maker	female	44cm	sitting	cap
Captain Steve	male	29cm	standing	cap
Tommy Track-Tracer	male	33cm	standing	hat
Wayne Bow	male	39cm	sitting	wig

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Clue 1

Solve the answers to the questions about the pictogram and colour the answers in the grid. Then, arrange the words into a sentence to discover the first clue.

A Pictogram to Show the Number of Fish Caught by the Gnomes Each Day



= 10 fish



= 5 fish

50 female	Monday isn't	Thursday is
15 the	5 naughty gnome	40 male

How many fish were caught on Sunday? _____

On which day were most fish caught? _____

How many more fish were caught on Saturday than on Tuesday? _____

How many fish were caught at the weekend? _____

Clue 1: _____

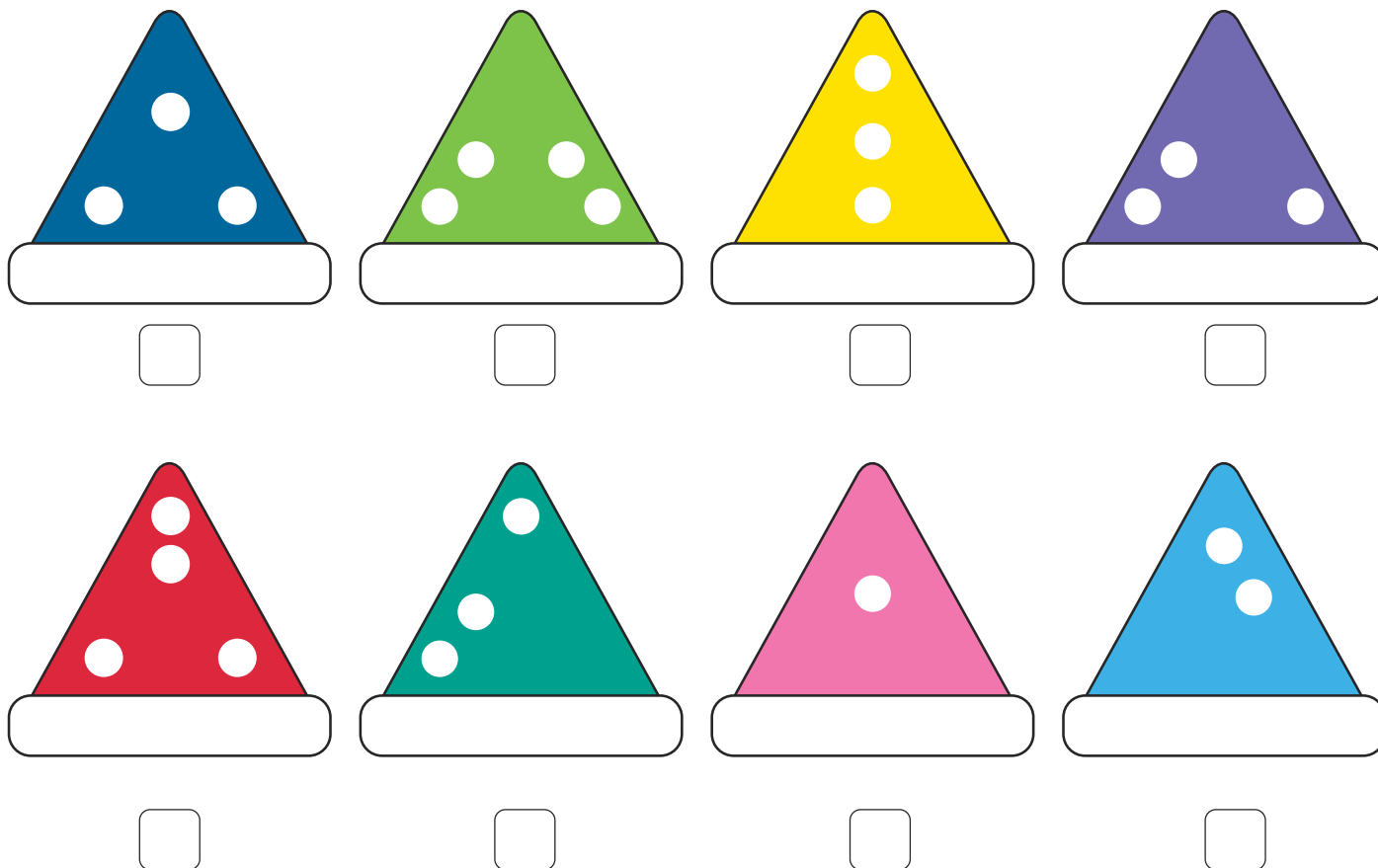
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Clue 2

Look at the gnome guard's hats.

Put a tick under the hat patterns that have a line of symmetry. ✓

Put a cross under the hat patterns that do not have a line of symmetry. ✗



If there are more ticks than crosses, the naughty gnome is less than 30cm tall.

If there are more crosses than ticks, the naughty gnome is more than 30cm tall.

Clue 2: _____



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Clue 3

Check these maths calculations.

If a calculation is right, put a tick. ✓

If it is wrong, put a cross. ✗

	Right	Wrong
Half of 18 is 8.		
$24 + 16 = 40$		
$40 \div 5 = 9$		
$30 - 22 = 8$		
Double 7 is 17.		
$6 \times 2 = 14$		
$100 - 30 = 70$		
$5 \times 5 = 25$		
$42 + 50 = 92$		
Total		

If there are more ticks than crosses, the naughty gnome is **standing**.

If there are more crosses than ticks, the naughty gnome is **sitting**.

Clue 3: The naughty gnome is _____



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Clue 4

Answer the maths calculations, then use the code breaker to find the last clue.

a	b	c	d	e	f	g	h	i	j	k	l	m
26	25	24	23	22	21	20	19	18	17	16	15	14

n	o	p	q	r	s	t	u	v	w	x	y	z
13	12	11	10	9	8	7	6	5	4	3	2	1

	Answer	Letter
$35 \div 5$		
$20 - 1$		
$16 + 6$		

	Answer	Letter
$10 + 9$		
$36 - 10$		
double 4		

2×10		
$6 + 7$		
half of 24		
$30 - 16$		
11×2		

$30 - 4$		
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$18 + 6$		
double 13		
$9 + 2$		

$32 - 20$		
$35 - 22$		

Clue 4: _____

The naughty gnome is: _____

The Mystery of the Naughty Gnome in the Gnome Valley **Answers**

Clue 1

Solve the answers to the questions about the pictogram and colour the answers in the grid. Then, arrange the words into a sentence to discover the first clue.

50 female	Monday isn't	Thursday is
15 the	5 naughty gnome	40 male

How many fish were caught on Sunday? 15

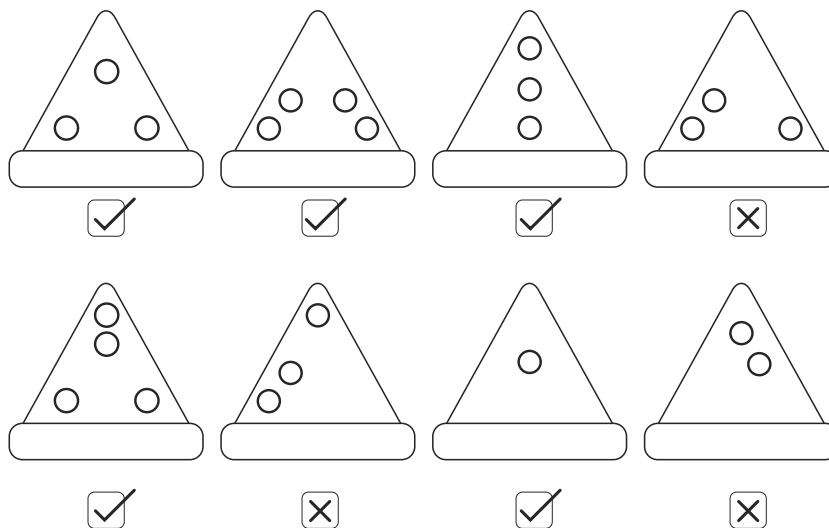
On which day were most fish caught? Thursday

How many more fish were caught on Saturday than on Tuesday? 5

How many fish were caught at the weekend? 40

Clue 1: The naughty gnome is male.

Clue 2: Put a tick next to the hat patterns that have a line of symmetry. Put a cross next to the hat patterns that do not have a line of symmetry.



If there are more ticks than crosses, the naughty gnome is less than 30cm tall.

If there are more crosses than ticks, the naughty gnome is more than 30cm tall.

Clue 2: The naughty gnome is less than 30cm tall.

The Mystery of the Naughty Gnome in the Gnome Valley **Answers**

Clue 3: Check these maths calculations. If a calculation is right, put a tick. If it is wrong, put a cross.

	Right	Wrong
Half of 18 is 8.		×
$24 + 16 = 40$	✓	
$40 \div 5 = 9$		×
$30 - 22 = 8$	✓	
Double 7 is 17.		×
$6 \times 2 = 14$		×
$100 - 30 = 70$	✓	
$5 \times 5 = 25$	✓	
$42 + 50 = 92$	✓	
Total	5	4

If there are more ticks than crosses, the naughty gnome is **standing**.

If there are more crosses than ticks, the naughty gnome is **sitting**.

Clue 3: The naughty gnome is standing.

The Mystery of the Naughty Gnome in the Gnome Valley **Answers**

	Answer	Letter
$35 \div 5$	7	t
$20 - 1$	19	h
$16 + 6$	22	e

2×10	20	g
$6 + 7$	13	n
half of 24	12	o
$30 - 16$	14	m
11×2	22	e

	Answer	Letter
$10 + 9$	19	h
$36 - 10$	26	a
double 4	8	s

$30 - 4$	26	a
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$18 + 6$	24	c
double 13	26	a
$9 + 2$	11	p

$32 - 20$	12	o
$35 - 22$	13	n

Clue 4: _____ **The gnome has a cap on.** _____

The naughty gnome is: _____ **Captain Steve** _____