


Lost in the Forest

Clue 1 Answers

Work out the numbers that the hedgehogs are hiding in these number sequences.

4		12	16	20	24	28	32	8
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50	100	150		250	300	350	400	200
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500		400	350	300	250	200	150	450
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8	16	24		40	48	56	64	32
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100	200	300	400	500	600		800	700
-----	-----	-----	-----	-----	-----	---	-----	------------

16	20	24	28		36	40	44	32
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48	44	40	36		28	24	20	32
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80	72		56	48	40	32	24	64
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Which hedgehog number occurs the most?

Find the digit sum of this number.



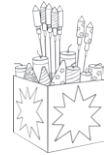







This is the **first** digit you need to unlock the phone and escape the forest.

$$32 = 3 + 2 = 5$$

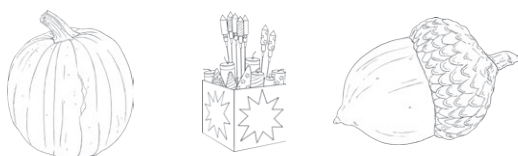
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Clue 2 Answers

									
2	4	8	6	1	0	5	9	3	7

Are these statements true or false?



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682 > 576 True



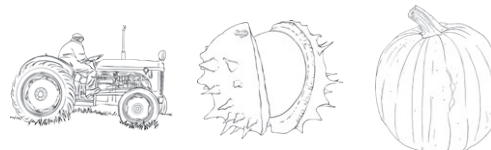
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310 < 301 False



>



974 > 796 True

If there are more **true** statements, then the **second** digit needed to escape the forest is: **1**

If there are more **false** statements, then the **second** digit needed to escape the forest is: **8**

1

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Clue 3 Answers

Use the code breaker to reveal a mixed-up autumn word.

A	B	C	D	E	F	G	H	I	J	K	L	M
3	4	5	6	7	8	9	10	12	15	16	18	20

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
21	24	27	28	30	33	40	48	56	64	72	80	96

Calculation	Answer	Letter
11×3	33	s
$56 \div 8$	7	e
6×8	48	u
10×3	30	r

Calculation	Answer	Letter
$48 \div 4$	12	i
7×4	28	q
10×3	30	r
6×3	18	l

Find the matching object card to reveal the **third** digit needed to unlock the phone and escape the forest.

Squirrel

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Clue 4 Answers

Solve the number puzzle by using inverse operations.

I collect some conkers in the forest.

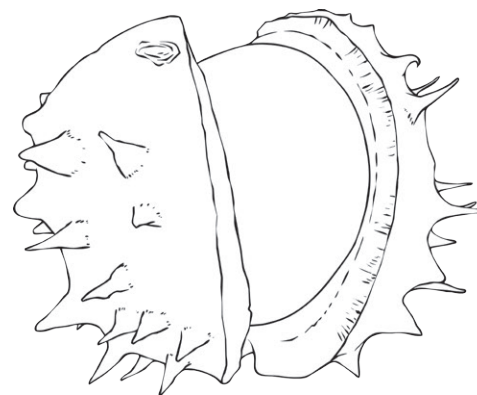
I multiply the number of conkers I have by 3.

I then subtract 12,

and divide by 2.

I end with the number 84.

How many conkers did I collect?



Find the digit sum of this answer.

This is the **fourth** digit of the number you need to unlock the phone and escape the forest.











60 conkers

$$60 = 6 + 0 = 6$$

6

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Clue 5 Answers

									
2	4	8	6	1	0	5	9	3	7

Calculate the answers to these addition and subtraction calculations.



+



=

$$867 + 4 = 871$$



-



=

$$902 - 5 = 897$$



-



=

$$893 - 8 = 885$$

Colour the answers in on the mosaic.

The picture will reveal the fifth digit you need to unlock the phone and escape the forest.

6

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Clue 6 Answers

Count how many bonfires there are. Find $\frac{1}{5}$ of this number.



This is the **sixth** digit you need to unlock the phone and escape the forest.

$$\frac{1}{5} \text{ of } 10 = 2$$

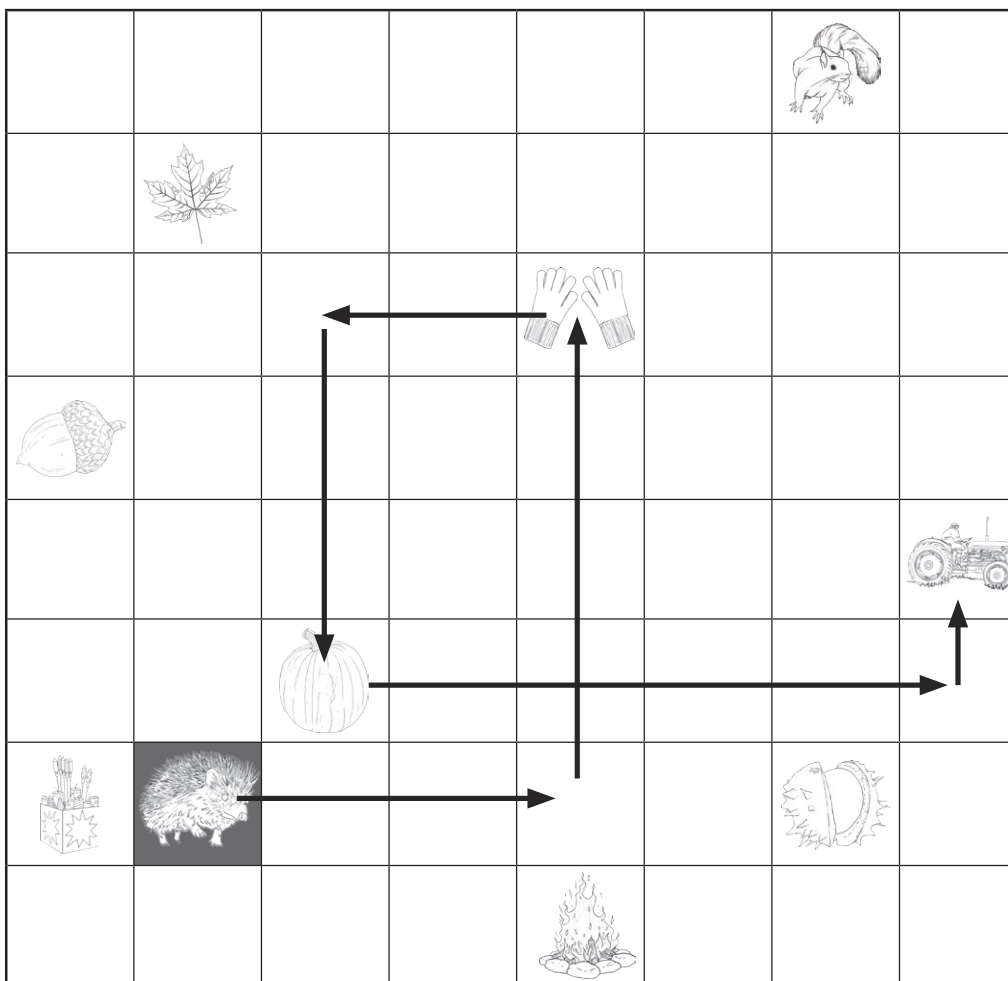
2

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Follow the hedgehog's directions.

Which autumn object does the hedgehog finish on?

1. 3 squares right
2. 4 squares up
3. 2 squares left
4. 3 squares down
5. 5 squares right
6. 1 square up



Clue 7 Answers

	2
	4
	8
	6
	1
	0
	5
	9
	3
	7

This is the seventh digit you need to unlock the phone and escape the forest.

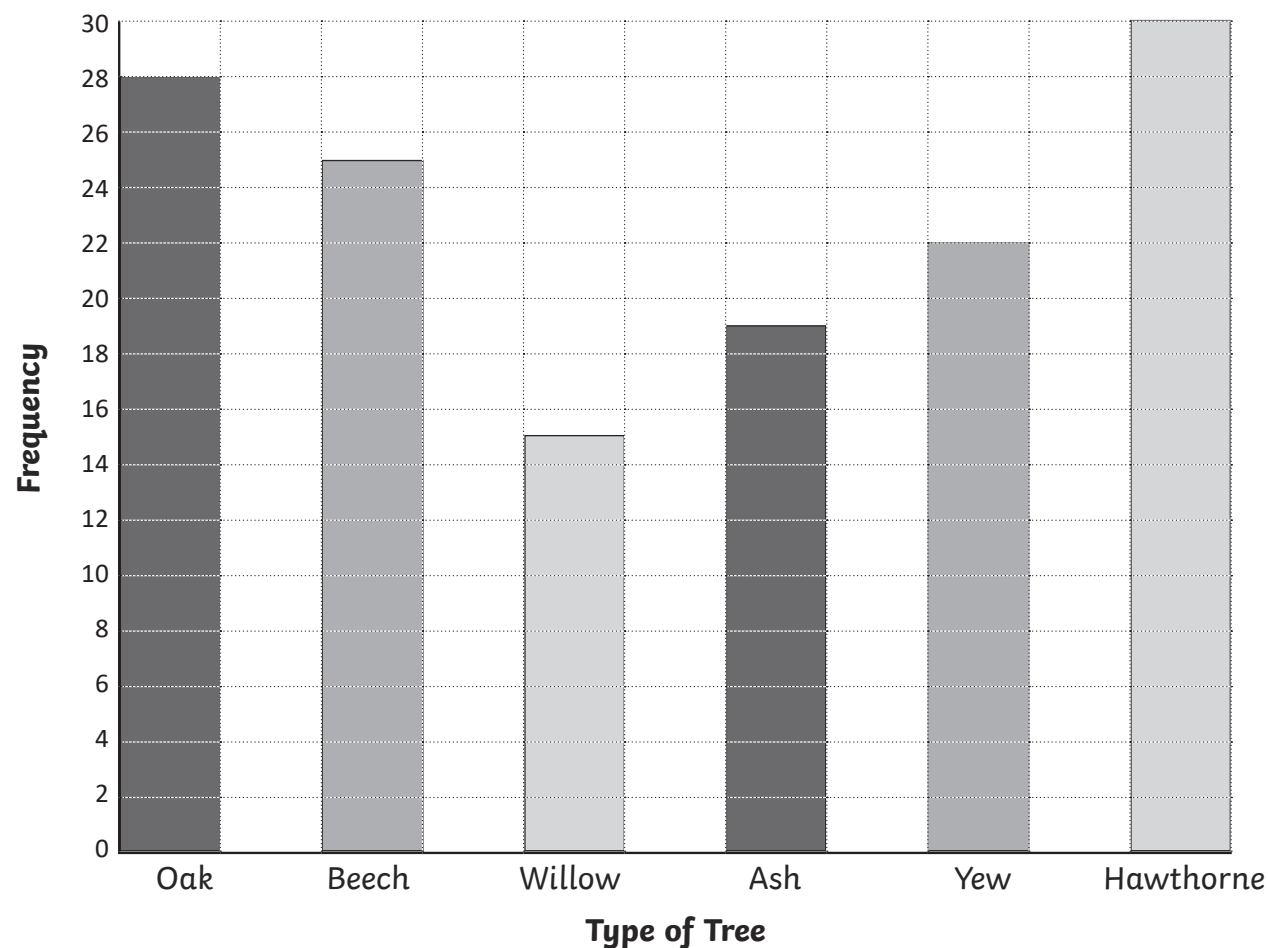
Tractor

7

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How many fewer ash trees are there than beech trees?

A Bar Chart to Show Types of Trees in the Forest



Clue 8 Answers

This is the **eighth** digit you need to unlock the phone and escape the forest.

$$25 - 19 = 6$$

6