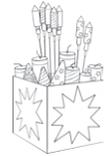


# Lost in the Forest

# Clue 1 Answers

									
2	4	8	6	1	0	5	9	3	7

Round this number to the nearest 1000.

					
3	0	8	6	9	5

Add the digits together and then find the digit sum of this answer.

**308 695 rounded to the nearest 1000 is 309 000.**

$$3 + 9 = 12$$

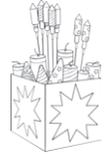
$$1 + 2 = 3$$

This is the **first** digit of the number needed to unlock the phone and escape the forest.

**3**

# Lost in the Forest

# Clue 2 Answers

									
<b>2</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>9</b>	<b>3</b>	<b>7</b>

Are these comparison statements **true** or **false**?

	•				>		•				$6.805 < 6.850$ <b>True</b>
	•				>		•			$5.029 < 5.02$ <b>False</b>	
	•			>		•				$3.10 < 3.104$ <b>True</b>	

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**

# Lost in the Forest

# Clue 3 Answers

A	B	C	D	E	F	G	H	I	J	K	L	M
18	21	24	27	28	33	36	42	44	48	49	54	56

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
63	66	72	77	81	84	88	96	99	108	121	132	144

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

Calculation	Answer	Letter
$8 \times 9$	<b>72</b>	<b>p</b>
$7 \times 8$	<b>56</b>	<b>m</b>
$7^2$	<b>49</b>	<b>k</b>
<input type="text"/> $\div 7 = 9$	<b>63</b>	<b>n</b>

Calculation	Answer	Letter
<input type="text"/> $\div 9 = 8$	<b>72</b>	<b>p</b>
$4 \times 11$	<b>44</b>	<b>i</b>
<input type="text"/> $\div 8 = 12$	<b>96</b>	<b>u</b>
$12 \times 7$	<b>84</b>	<b>s</b>

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

Pumpkins

**5**

# Lost in the Forest

## Clue 4 Answers

Solve the number puzzle by using inverse operations.

I collect some conkers in the forest.

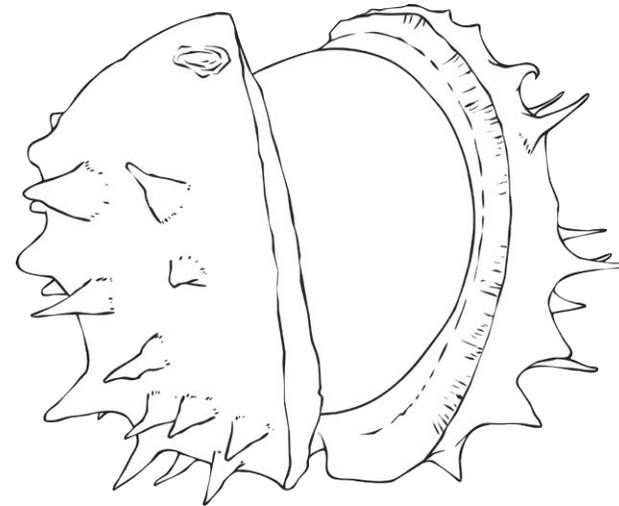
I divide the number of conkers by 4.

I then subtract 84,

and divide by 9.

I end with the number 7.

How many conkers did I collect? **588 conkers**



Add together the digits and find the digit sum of this answer.

$$588 = 5 + 8 + 8 = 21$$

$$2 + 1 = 3$$

This is the fourth digit of the number needed to unlock the phone and escape the forest.

**3**

# Lost in the Forest

# Clue 5 Answers

									
<b>2</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>9</b>	<b>3</b>	<b>7</b>

Calculate the answer to this addition calculation:

						
<b>+</b>						
	<b>7</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>3</b>	<b>6</b>

Which digit occurs most frequently in the answer?

$$689\ 057 + 34\ 879 = 723\ 936$$

This answer is the **fifth** digit of the number needed to unlock the phone and escape the forest.

**3**

# Lost in the Forest

# Clue 6 Answers

									
<b>2</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>9</b>	<b>3</b>	<b>7</b>

Calculate the answer to this subtraction calculation:

							
<b>-</b>							
		<b>6</b>	<b>9</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>5</b>

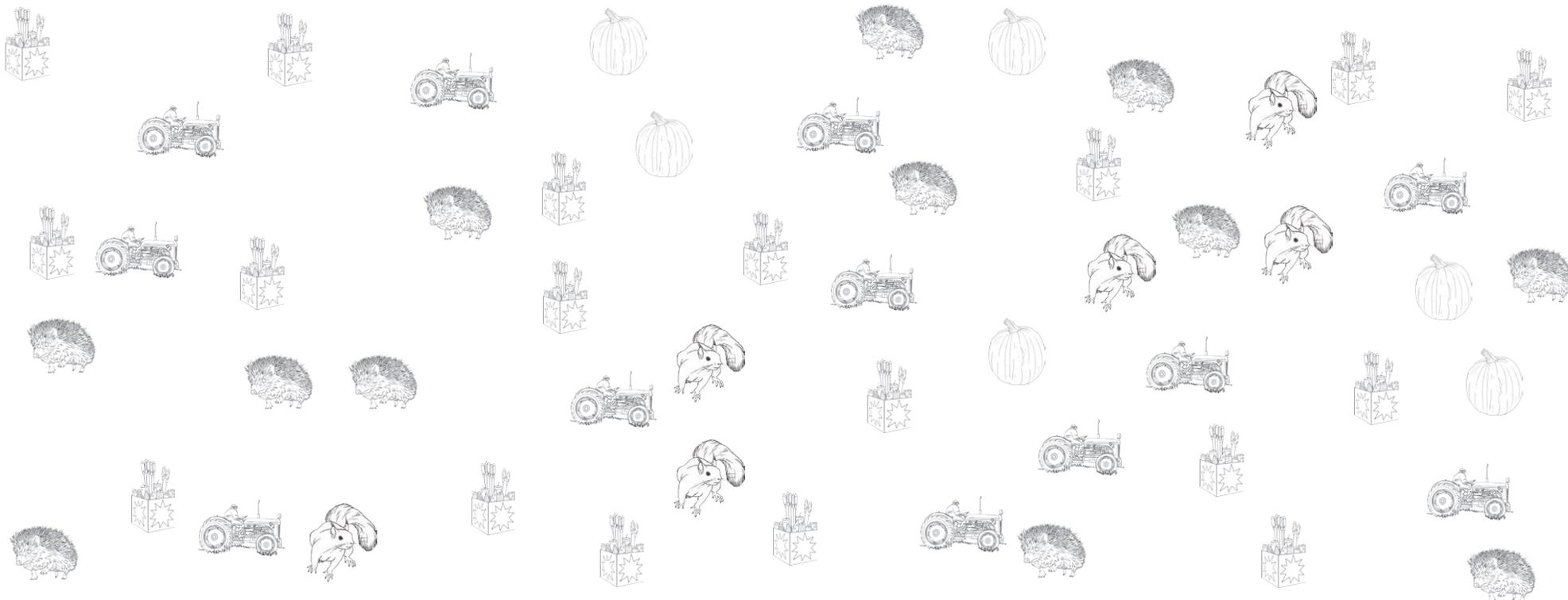
$$706\ 091 - 14\ 876 = 691\ 215$$

The digit in the hundred thousand place in the answer is the sixth digit of the number needed to unlock the phone and escape the forest.

**6**

# Lost in the Forest

# Clue 7 Answers



How many boxes of fireworks are there? Find  $\frac{5}{6}$  of this number.  $\frac{5}{6}$  of 18 = 15

Find the digit sum of this answer.  $1 + 5 = 6$

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

6

# Lost in the Forest

## Clue 8 Answers

During a blustery, autumn walk in the forest, Oscar collected between 150 and 200 acorns.

When counted in sevens, there are three left over. When counted in nines, there are two left over.

How many acorns did Oscar collect? **164 acorns**

Find the difference between the tens digit and ones digit.  **$6 - 4 = 2$**



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

**2**

# Lost in the Forest

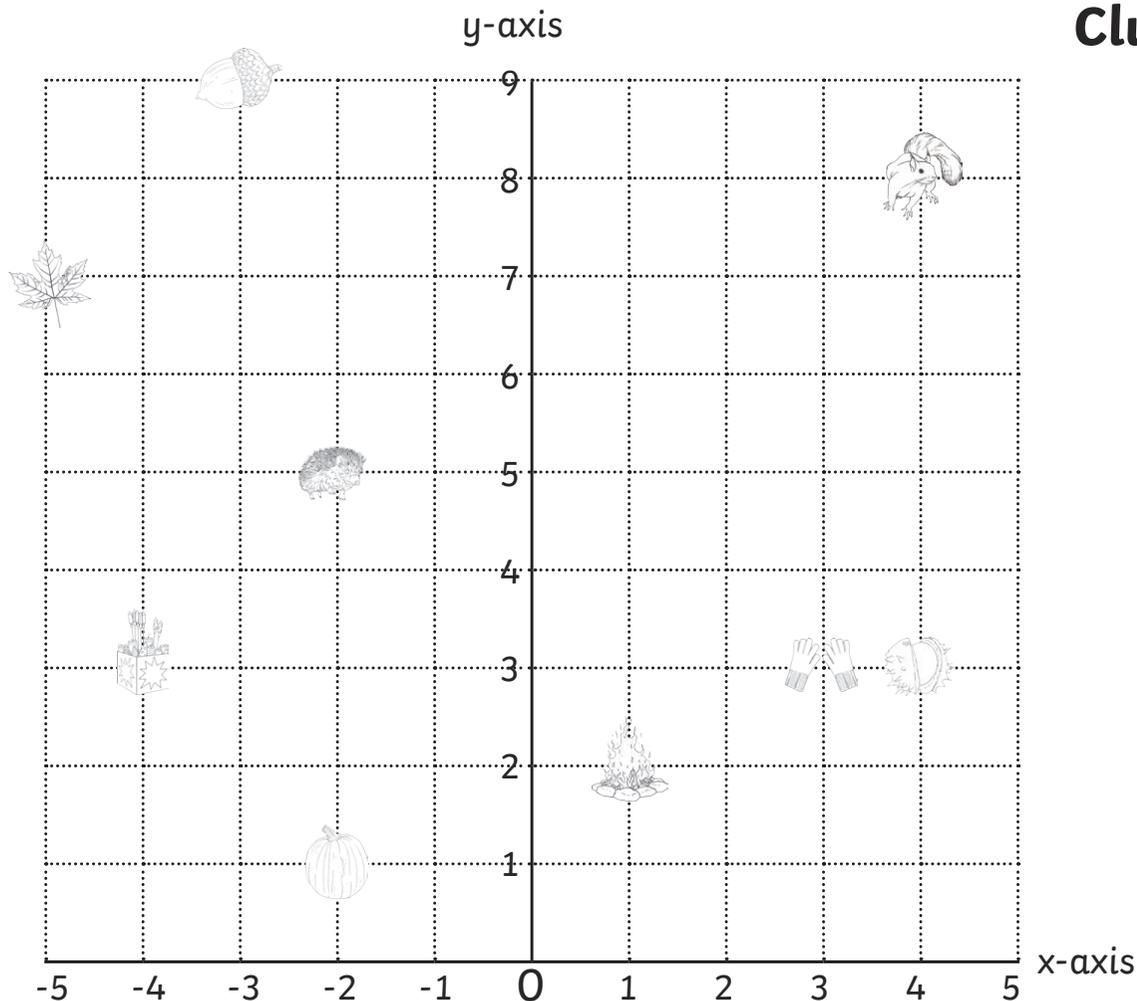
# Clue 9 Answers

What is the coordinate position of the  ? **(-2, 1)**

What is the coordinate position of the  ? **(3, 3)**

Add together the first number (x-axis position) in each coordinate answer.

$$-2 + 3 = 1$$



This is the **ninth** digit of the number needed to unlock the phone and escape the forest.

**1**

# Lost in the Forest

# Clue 10 Answers

How many oak, willow and hawthorn trees are there in the forest altogether?

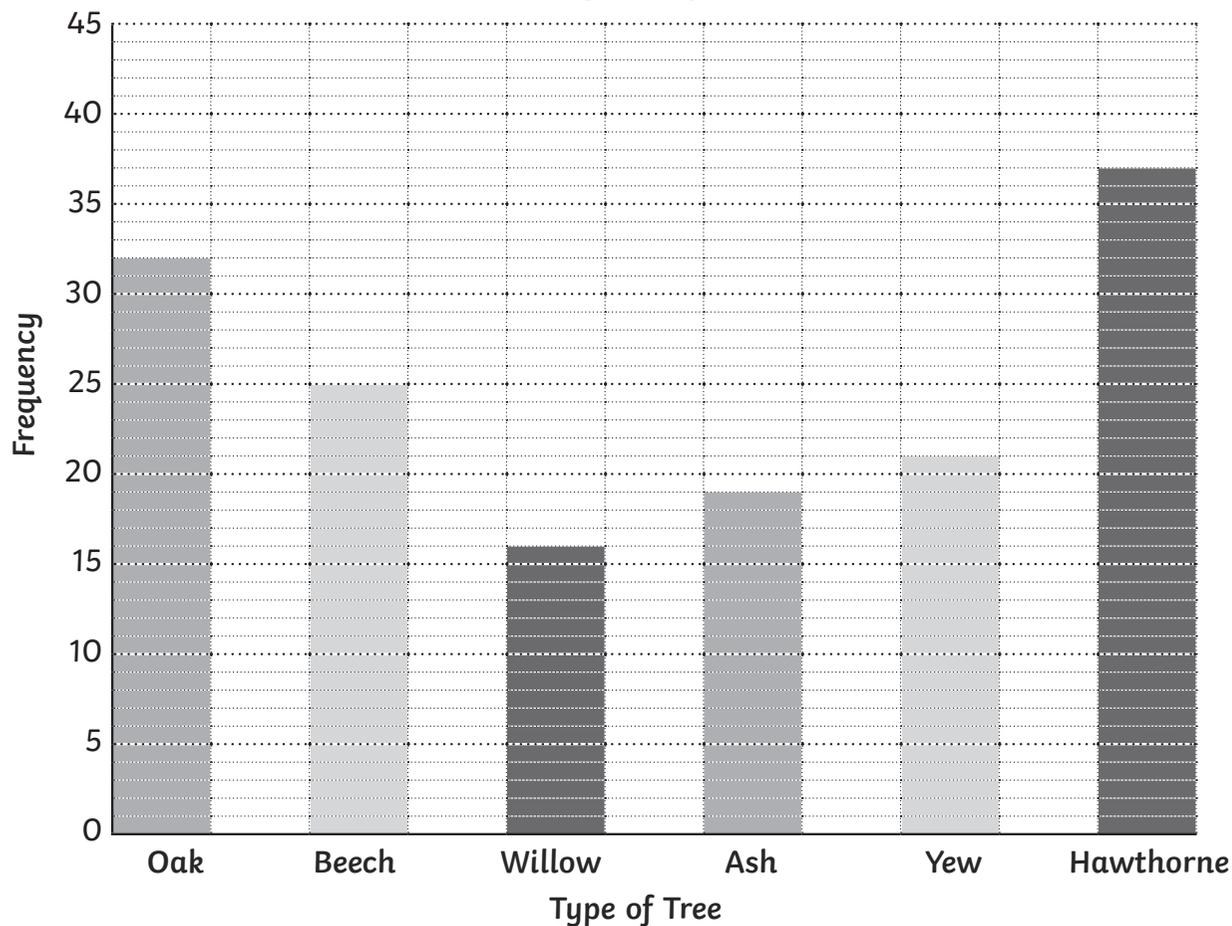
Add the digits together and find the digit sum of this answer.

$$32 + 16 + 37 = 85$$

$$85 = 8 + 5 = 13$$

$$1 + 3 = 4$$

### A Bar Chart to Show Types of Trees in the Forest



This is the **tenth** digit needed to unlock the phone and escape the forest.

4