The Mystery of the Winning World Book Day Costume

It is the whole-school assembly on World Book Day and the headteacher is about to announce the winner of the best costume. However, disaster has struck - the headteacher has lost the golden envelope with the winner's name in!

Use the descriptions and the clues to find out who has won.

Good luck!

Suspect Descriptions

Name	Male or Female	Hair Colour	Year Group	Character Costume	Book	Author
Amelie	Female	Ginger	R	Bo	Dragons in the City	Twinkl Originals
Bryan	Male	Blonde	4	Guster	The Wyrmstooth Crown	Twinkl Originals
Caleb	Male	White	1	The Big Bad Wolf	Little Red Riding Hood	The Brothers Grimm
Delia	Female	Black	4	Alice	Alice in Wonderland	Lewis Carroll
Eli	Male	Brown	3	Willy Wonka	Charlie and the Chocolate Factory	Roald Dahl
Florence	Female	Ginger	R	Little Red Riding Hood	Little Red Riding Hood	The Brothers Grimm
Graham	Male	White	5	Grandpa Joe	Charlie and the Chocolate Factory	Roald Dahl
Harvey	Male	Blonde	6	The Mad Hatter	Alice in Wonderland	Lewis Carroll
Ingrid	Female	Black	R	Fairy	Cinderella	Traditional
Jenny	Female	White	4	Miranda	The Wyrmstooth Crown	Twinkl Originals
Kevin	Male	Black	2	Hal	Back to Earth with a Bump	Twinkl Originals
Leroy	Male	Brown	1	Ronald	Ronald the Rhino	Twinkl Originals
Martin	Male	Blonde	R	Mr Toad	The Wind in the Willows	Kenneth Grahame

Name	Male or Female	Hair Colour	Year Group	Character Costume	Book	Author
Nigella	Female	Ginger	4	The White Rabbit	Alice In Wonderland	Lewis Carroll
Ophelia	Female	Blonde	2	Brenda	Brenda's Boring Egg	Twinkl Originals
Peter	Male	White	1	Morris	The Messy Magpie	Twinkl Originals
Qasim	Male	Brown	6	The Pelican	The Giraffe, The Pelly and Me	Roald Dahl
Rabiya	Female	Brown	3	Tilda	History Hackers: Roman Rescue	Twinkl Originals
Sheena	Female	Black	5	Wendy	Peter Pan	JM Barrie
Trent	Male	Ginger	4	Captain Hook	Peter Pan	JM Barrie
Una	Female	Black	2	Stan	Starry-Eyed Stan	Twinkl Originals
Veronica	Female	Blonde	6	Rapunzel	Rapunzel	The Brothers Grimm
Wanda	Female	Black	5	Katka	Raider's Peril	Twinkl Originals
Xavier	Male	Black	3	Billy Goat	Three Billy Goats Gruff	Traditional
Yasmin	Female	Brown	5	The Troll	Three Billy Goats Gruff	Traditional
Zach	Male	Blonde	1	Lancelot	Starry-Eyed Stan	Twinkl Originals

Clue 1

Sentence Scramble

Solve the problems and match the answers to the words in the table. The first clue will be revealed using the **remaining words.**

If there are 126 children dressed up for World Book Day and $\frac{1}{3}$ of them are boys, how many girls are dressed up?

In a school of 395 children $\frac{3}{5}$ of them bring in their favourite book for World Book Day. How many children is this?

Book tokens come in packs of 125. How many tokens are there altogether in 17 packs?

Calculate the following: (Number of bears Goldilocks meets × 146) + (Number of dwarfs Snow White meets × 231)

All around the country people have dressed up for World Book Day. If there are 2146 pirate costumes, 4268 fairy costumes, 8582 lion costumes and 3321 clown costumes, how many costumes are there altogether?

Hansel ate 623 lollipops in the gingerbread house. Gretel ate $\frac{4}{7}$ of this amount. How many lollipops did Gretel eat?

Everyone who dressed up got a special bookmark. How many bookmarks were given out if the answer is a multiple of nine between 350 and 370 with a digit total of 18.

Baby Bear eats three bowls of porridge every day. Daddy bear eats double this amount every day. How many bowls of porridge do they eat altogether over two weeks?

38	84	237	2125	2055	18 317
winner	has	in	hair	blonde	year
420	356	369	152	126	43
is	one	female	male	ginger	the

Hidden sentence: _____.

Clue 2

Mathematic Maze

To reveal the second clue, find a path through the maze by colouring in decimal number bonds to 1.

START	0.775 + 0.225	0.495 + 0.336	0.495 + 0.782	0.835 + 0.167	0.932 + 0.909	0.651 + 0.165	0.778 + 0.333	0.237 + 0.368
0.490 + 0.550	0.795 + 0.205	0.835 + 0.165	0.065 + 0.935	0.849 + 0.151	0.590 + 0.133	0.890 + 0.244	0.380 + 0.355	0.761 + 0.466
0.890 + 0.140	0.690 + 0.140	0.795 + 0.505	0.113 + 0.505	0.288 + 0.712	0.980 + 0.688	0.980 + 0.799	0.860 + 0.908	0.932 + 0.807
0.380 + 0.670	0.380 + 0.270	0.670 + 0.120	0.623 + 0.120	0.658 + 0.342	0.415 + 0.605	0.315 + 0.504	0.980 + 0.302	0.651 + 0.201
0.590 + 0.440	0.890 + 0.440	0.380 + 0.240	0.761 + 0.240	0.336 + 0.664	0.376 + 0.624	0.237 + 0.763	0.344 + 0.145	0.236 + 0.145
0.980 + 0.050	0.980 + 0.058	0.860 + 0.410	0.932 + 0.410	0.761 + 0.432	0.111 + 0.444	0.591 + 0.409	0.123 + 0.050	0.234 + 0.058
0.415 + 0.545	0.315 + 0.545	0.980 + 0.268	0.651 + 0.268	0.932 + 0.667	0.838 + 0.162	0.049 + 0.951	0.456 + 0.545	0.567 + 0.545
0.495 + 0.545	0.495 + 0.245	0.835 + 0.935	0.932 + 0.935	0.651 + 0.215	0.778 + 0.222	0.237 + 0.367	0.789 + 0.545	0.890 + 0.245
0.895 + 0.145	0.995 + 0.145	0.275 + 0.935	0.332 + 0.935	0.932 + 0.167	0.798 + 0.202	0.591 + 0.721	0.987 + 0.145	0.876 + 0.145
0.385 + 0.635	**R**	0.295 + 0.175	**KS1**	0.332 + 0.222	**KS2**	0.049 + 0.367	**Year 6 only**	0.645 + 0.327

The winner is in _____.

Clue 3
Crack the Code

To reveal the third clue, complete the calculation in each book and reveal the letter. Rearrange the letters to find the author of the book the winner's costume is based on.

A	B	C	D	E	F	G	H	I	J	K	L	M
8645	378.4	2019	246	398	803	118.75	6207	6893	9934	1928	8092	882

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1872	1058.4	2294	338	54	5783	773	9921	287.6	392	9216	191.9	387

2344 + 5748

=

4738 − 4492

=

247 × 35

=

1242 ÷ 23

=

11 845 − 5638

=

14 932 − 6287

=

578 × 14

=

2952 ÷ 12

=

8.4 × 126

=

The winner's costume is based on a book written by _____.

Clue 4

True or False?

To reveal the fourth clue, use the bar chart to identify whether the statements are true or false. If there are more **true** statements, then the winner's name has four or more letters. If there are more **false** statements, the winner's name has fewer than four letters.
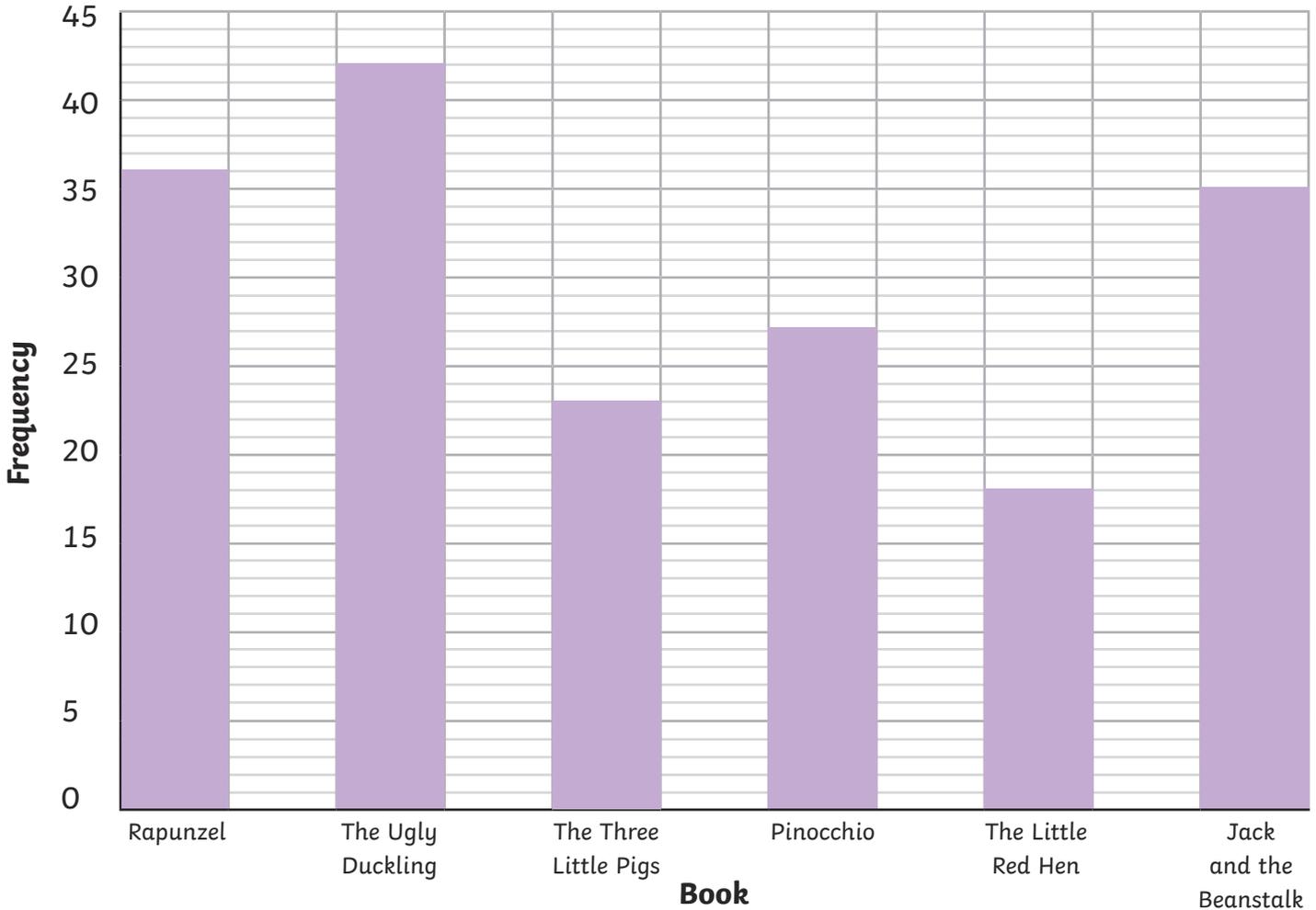
Thirteen fewer children voted for Pinocchio as their favourite traditional story than The Ugly Duckling.	Altogether 53 children voted for The Little Red Hen and Jack and the Beanstalk.
The most popular traditional story book is Rapunzel.	Altogether 40 children voted for The Little Red Hen and The Three Little Pigs.
Thirteen fewer children voted for The Three Little Pigs than Rapunzel.	The book that received the fewest votes was The Three Little Pigs.
The difference in votes between the least popular and most popular story book is 24.	Altogether, 185 children voted for their favourite traditional story book.

The winner's name has _____.

Clue 1: Sentence Scramble

If there are 126 children dressed up for World Book Day and $\frac{1}{3}$ of them are boys, how many girls are dressed up?

84 girls

In a school of 395 children $\frac{3}{5}$ of them bring in their favourite book for World Book Day. How many children is this?

237 children

Book tokens come in packs of 125. How many tokens are there altogether in 17 packs?

2125 tokens

Calculate the following: (Number of bears Goldilocks meets × 146) + (Number of dwarfs Snow White meets × 231)

2055

All around the country people have dressed up for World Book Day. If there are 2146 pirate costumes, 4268 fairy costumes, 8582 lion costumes and 3321 clown costumes, how many costumes are there altogether?

18 317

Hansel ate 623 lollipops in the gingerbread house. Gretel ate $\frac{4}{7}$ of this amount. How many lollipops did Gretel eat?

356 lollipops

Everyone who dressed up got a special bookmark. How many bookmarks were given out if the answer is a multiple of nine between 350 and 370 with a digit total of 18.

369 bookmarks

Baby Bear eats three bowls of porridge every day. Daddy bear eats double this amount every day. How many bowls of porridge do they eat altogether over two weeks?

**126 bowls**

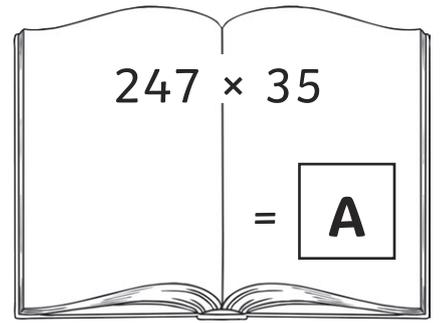Answer to clue 1: **The winner is male.**

Clue 2: Mathematic Maze

| START	0.775 + 0.225	0.495 + 0.336	0.495 + 0.782	0.835 + 0.167	0.932 + 0.909	0.651 + 0.165	0.778 + 0.333	0.237 + 0.368
0.490 + 0.550	0.795 + 0.205	0.835 + 0.165	0.065 + 0.935	0.849 + 0.151	0.590 + 0.133	0.890 + 0.244	0.380 + 0.355	0.761 + 0.466
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0.895 + 0.145	0.995 + 0.145	0.275 + 0.935	0.332 + 0.935	0.932 + 0.167	0.798 + 0.202	0.591 + 0.721	0.987 + 0.145	0.876 + 0.145
0.385 + 0.635	R	0.295 + 0.175	KS1	0.332 + 0.222	KS2	0.049 + 0.367	Year 6 only	0.645 + 0.327

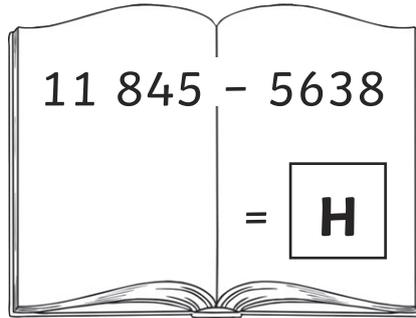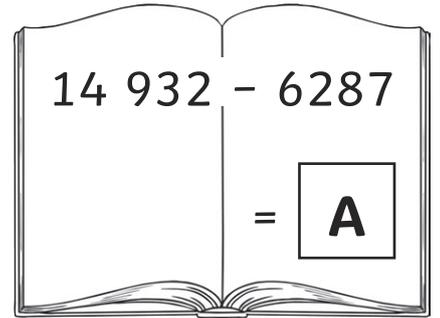Answer to clue 2: **The winner is in KS2.**

Clue 3: Crack the Code
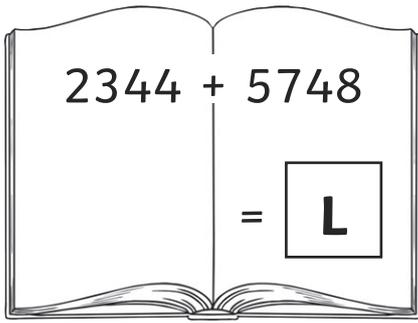
2344 + 5748

= **L**
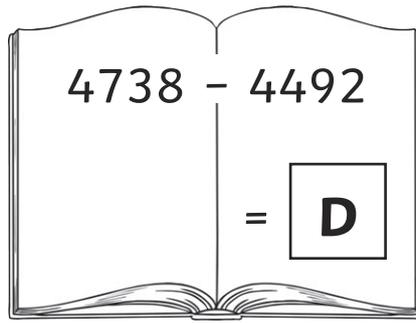
4738 − 4492

= **D**

247 × 35

= **A**
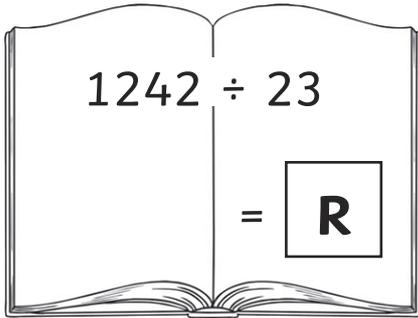
1242 ÷ 23

= **R**

11 845 − 5638

= **H**

14 932 − 6287

= **A**
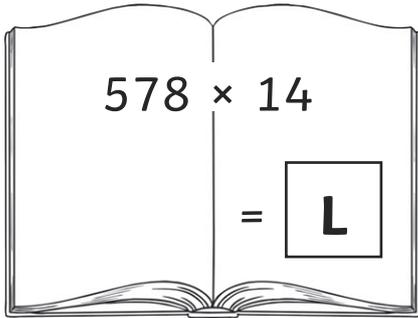
578 × 14

= **L**
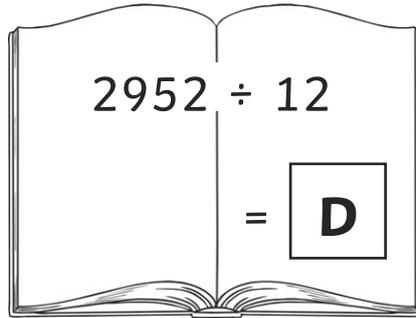
2952 ÷ 12

= **D**
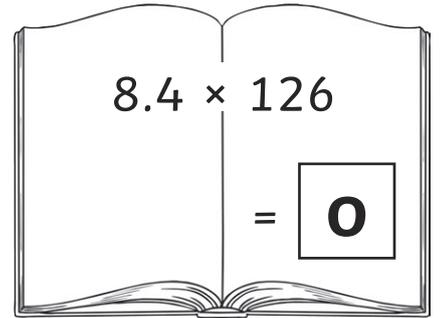
8.4 × 126

= **O**

Answer to clue 3: **The winner's costume is based on a book written by Roald Dahl.**

Clue 4: True or False?

Thirteen fewer children voted for Pinocchio as their favourite traditional story than The Ugly Duckling. **False**	Altogether 53 children voted for The Little Red Hen and Jack and the Beanstalk. **True**
The most popular traditional story book is Rapunzel. **False**	Altogether 40 children voted for The Little Red Hen and The Three Little Pigs. **False**
Thirteen fewer children voted for The Three Little Pigs than Rapunzel. **True**	The book that received the fewest votes was The Three Little Pigs. **False**
The difference in votes between the least popular and most popular story book is 24. **True**	Altogether, 185 children voted for their favourite traditional story book. **False**

Answer to clue 4: **The winner's name has fewer than four letters.**

The winner is **Eli** in Year 3 with his costume of Willy Wonka from Roald Dahl's 'Charlie and the Chocolate Factory'.