The Mystery of the missing Christmas Angel
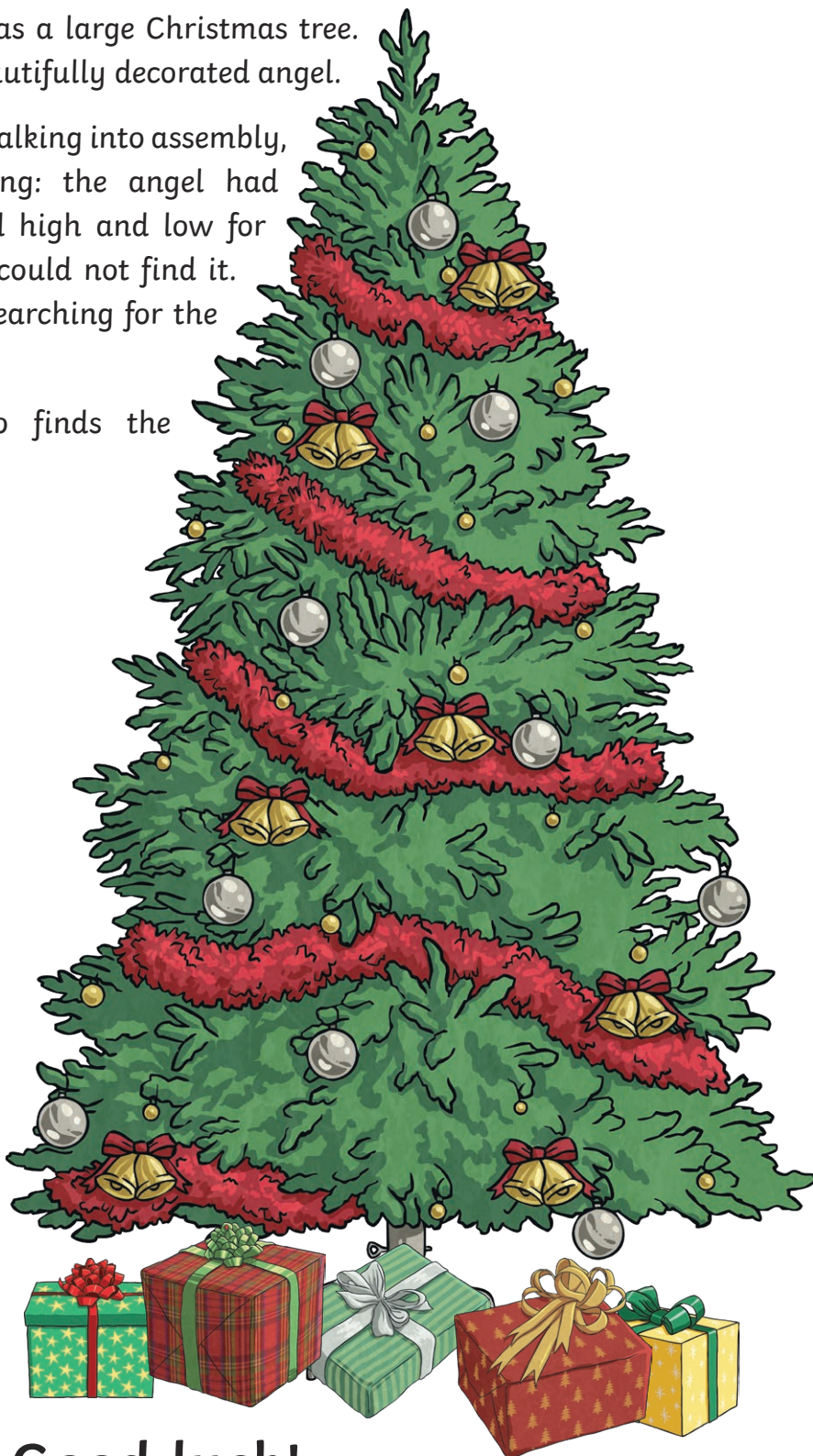
Nazareth Avenue Primary School has a large Christmas tree. At the top of the tree, there sits a beautifully decorated angel.

One morning, as the children were walking into assembly, they discovered something shocking: the angel had disappeared! The teachers searched high and low for the missing angel but they simply could not find it. Before long, the entire school was searching for the Christmas angel.

Solve the clues to discover who finds the missing angel.

Good luck!

The Mystery of the Missing Christmas Angel

Name	Boy or Girl	Hair Colour	Year Group	Nativity Play Character	Favourite Tree Decoration
Amelie	girl	ginger	R	shepherd	bauble
Bryan	boy	blonde	2	wise traveller	tinsel
Caleb	boy	white	1	angel	chocolate
Delia	girl	black	4	animal	star
Eli	boy	brown	3	Joseph	bells
Florence	girl	ginger	R	animal	tinsel
Graham	boy	white	5	wise traveller	bauble
Harvey	boy	blonde	6	shepherd	bells
Ingrid	girl	black	R	angel	tinsel
Jenny	girl	white	4	wise traveller	bauble
Kevin	boy	black	2	animal	chocolate
Leroy	boy	brown	1	angel	star
Martin	boy	blonde	R	innkeeper	bauble
Nigella	girl	ginger	4	shepherd	bells
Ophelia	girl	blonde	2	Mary	star
Peter	boy	white	1	angel	tinsel
Qasim	boy	brown	6	wise traveller	chocolate
Rabiya	girl	brown	3	shepherd	bells
Sheena	girl	black	5	animal	star
Trent	boy	ginger	4	wise traveller	bauble
Una	girl	black	2	angel	tinsel
Veronica	girl	blonde	6	shepherd	chocolate
Wanda	girl	black	5	animal	star
Xavier	boy	black	3	wise traveller	bauble
Yasmin	girl	brown	5	shepherd	chocolate
Zach	boy	blonde	1	angel	tinsel

The Mystery of the Missing Christmas Angel

Clue 1

Sort the numbers into the correct box. Some numbers will belong in more than one box. Other numbers may not fit in any box.

The box with the most numbers will give you a clue about the angel finder's hair colour.

6 5 8 9 16 2 27 21 49 25 37 64 83

Square Numbers	Cube Numbers	Prime Numbers
The angel finder doesn't have blonde hair.	The angel finder doesn't have black hair.	The angel finder doesn't have ginger hair.

Clue: _____.

The Mystery of the Missing Christmas Angel

Clue 2

Find a path through the maze by colouring in the correct calculations involving negative numbers.

The path will reveal a clue about the Nativity character played by the pupil who found the angel.

START	13 − 27 = −14	−25 + 34 = 9	13 − 19 = -5	−28 + 23 = 5
8 − 19 = 11	−23 + 31 = 18	16 − 19 = -3	−19 + 45 = 16	7 − 23 = −16
35 − 50 = -15	−50 + 72 = 22	15 − 40 = −25	37 − 65 = −18	−13 + 23 = 10
110 − 200 = −90	−43 + 24 = 19	25 − 28 = −13	−16 + 29 = 14	−23 + 67 = 47
30 − 147 = −117	66 − 100 = −34	−29 + 13 = −16	26 − 32 = −6	−13 + 33 = 10
17 − 54 = −47	−6 + 36 = 20	35 − 115 = −90	35 − 100 = −65	−2 + 98 = 100
−23 + 7 = −16	−11 + 8 = −3	−25 + 5 = −10	−12 − 7 = −19	−11 − 6 = −19
Their character isn't a shepherd.	Their character isn't a wise traveller.	Their character isn't an animal.	Their character isn't an angel.	Their character isn't Mary, Joseph or the innkeeper.

Clue: _____.

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Clue 3

Find the answers to these questions in the grid and cross them off.

The one remaining box will give you a clue about the angel finder's favourite Christmas decoration.

1213 × 5 = _____

15 482 – 9109 = _____

101 376 ÷ 16 = _____

2720 + 1879 + 2368 = _____

179 × 36 = _____

38 028 ÷ 6 = _____

2287 + 2134 + 1633 = _____

13 419 – 7276 = _____

6065 bauble or tinsel	**6338** chocolate or star	**6444** bells or bauble
6715 tinsel or chocolate	**6373** star or bells	**6054** bauble or chocolate
6336 tinsel or star	**6967** bells or chocolate	**6143** star or bauble

Clue: The angel finder's favourite decoration is _____ or _____.

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Clue 4

In each row, colour the number that is the value of the underlined digit written in words.

The column with the most correct answers will tell you if the pupil who finds the angel is a boy or a girl.

six million, two hundred and sixteen thousand, three hundred and **eighty**-four	80 000	800	80	800 000
four million, **fifty**-four thousand, seven hundred and twelve	5000	500	50 000	50
four hundred and **sixty**-nine thousand, and four	600 000	60 000	6000	6 000 000
four million, **four**teen thousand, one hundred and ninety-five	400	4000	40	40 000
three hundred and sixty-one thousand, five hundred and thirty-**one**	1	10	100	1000
nine million, **three** hundred and forty thousand, six hundred and sixteen	300 000	30 000	3 000	3 000 000
six million, four hundred and seventy-**seven** thousand and seventeen	7000	70 000	700	700 000
	boy	girl	boy	girl

Clue: The person who finds the angel is a boy / girl.

(Circle the correct answer.)

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Clue 5

Check if these maths statements are correct or incorrect. If it is correct, put a tick. If it is incorrect, put a cross.

Count the number of ticks and crosses.

If there are more ticks than crosses, the angel finder is in the Foundation Stage or KS1 (R, Y1 or Y2).

If there are more crosses than ticks, the angel finder is in KS2 (Y3, Y4, Y5 or Y6).

	Correct	Incorrect ✗
4609 rounded to the nearest 100 is 4600		
234 500 rounded to the nearest thousand is 235 000		
56 782 rounded to the nearest 10 is 56 800		
359.5 rounded to the nearest whole number is 360		
8 050 000 rounded to the nearest hundred thousand is nine million		
28 972 rounded to the nearest hundred is 29 000		
34.14 rounded to the nearest tenth is 34		
652 815 rounded to the nearest 10 000 is 653 000		
50 000 rounded to the nearest hundred thousand is 100 000		
Total		

Clue: The pupil who finds the missing angel is in the Foundation Stage or KS1 / KS2.

(Circle the correct answer.)

The person who finds the missing Christmas angel is _____.

The Mystery of the Missing Christmas Angel **Answers**

Clue 1

Square Numbers	Cube Numbers	Prime Numbers
9, 16, 25, 49, 64	8, 27, 64	2, 5, 37, 83
The angel finder doesn't have blonde hair.	The angel finder doesn't have black hair.	The angel finder doesn't have ginger hair.

Clue: The angel finder doesn't have blonde hair.

The Mystery of the Missing Christmas Angel **Answers**

Clue 2

START	**13 − 27 = −14**	**−25 + 34 = 9**	13 − 19 = -5	−28 + 23 = 5
8 − 19 = 11	−23 + 31 = 18	**16 − 19 = -3**	−19 + 45 = 16	7 − 23 = −16
35 − 50 = -15	**−50 + 72 = 22**	**15 − 40 = −25**	37 − 65 = −18	−13 + 23 = 10
110 − 200 = −90	−43 + 24 = 19	25 − 28 = −13	−16 + 29 = 14	−23 + 67 = 47
30 − 147 = −117	**66 − 100 = −34**	**−29 + 13 = −16**	**26 − 32 = −6**	−13 + 33 = 10
17 − 54 = −47	−6 + 36 = 20	35 − 115 = −90	**35 − 100 = −65**	−2 + 98 = 100
−23 + 7 = −16	−11 + 8 = −3	−25 + 5 = −10	**−12 − 7 = −19**	−11 − 6 = −19
Their character isn't a shepherd.	Their character isn't a wise traveller.	Their character isn't an animal.	Their character isn't an angel.	Their character isn't Mary, Joseph or the innkeeper.

Clue: Their Nativity character isn't an angel.

Clue 3

$1213 \times 5 = $ **6065**

$15\,482 - 9109 = $ **6373**

$101\,376 \div 16 = $ **6336**

$2720 + 1879 + 2368 = $ **6967**

$179 \times 36 = $ **6444**

$38\,028 \div 6 = $ **6338**

$2287 + 2134 + 1633 = $ **6054**

$13\,419 - 7276 = $ **6143**

6065 bauble or tinsel	**6338** chocolate or star	**6444** bells or bauble
6715 tinsel or chocolate	**6373** star or bells	**6054** bauble or chocolate
6336 tinsel or star	**6967** bells or chocolate	**6143** star or bauble

Clue: The angel finder's favourite decoration is **tinsel** or **chocolate**.

The Mystery of the Missing Christmas Angel **Answers**

Clue 4

six million, two hundred and sixteen thousand, three hundred and **eighty**-four	80 000	800	**80**	800 000
four million, **fifty**-four thousand, seven hundred and twelve	5000	500	**50 000**	50
four hundred and **sixty**-nine thousand, and four	600 000	**60 000**	6000	6 000 000
four million, **four**teen thousand, one hundred and ninety-five	400	**4000**	40	40 000
three hundred and sixty-one thousand, five hundred and thirty-**one**	**1**	10	100	1000
nine million, **three** hundred and forty thousand, six hundred and sixteen	**300 000**	30 000	3 000	3 000 000
six million, four hundred and seventy-**seven** thousand and seventeen	**7000**	70 000	700	700 000
	boy	girl	boy	girl

Clue: The person who finds the angel is a (**boy**) / girl.

(Circle the correct answer.)

The Mystery of the Missing Christmas Angel **Answers**

Clue 5

	Correct	Incorrect ✗
4609 rounded to the nearest 100 is 4600		
234 500 rounded to the nearest thousand is 235 000		
56 782 rounded to the nearest 10 is 56 800		✗
359.5 rounded to the nearest whole number is 360		
8 050 000 rounded to the nearest hundred thousand is nine million		✗
28 972 rounded to the nearest hundred is 29 000		
34.14 rounded to the nearest tenth is 34		✗
652 815 rounded to the nearest 10 000 is 653 000		✗
50 000 rounded to the nearest hundred thousand is 100 000		
Total	5	4

Clue: The pupil who finds the missing angel is in the(**Foundation Stage or KS1**)/ KS2.

(Circle the correct answer.)

The person who finds the missing Christmas angel is **kevin**.