The Mystery of the Spring Bulb Puzzle

Maths Mystery Game

Spring is in the air and Mr and Mrs Bloom are making the most of the lovely weather. They are enjoying the sunshine working in their garden. Mrs Bloom is weeding the flower beds. Mr Bloom is tidying the shed and discovers a paper bag hidden right at the back. Inside the bag, there are some spring bulbs. Unfortunately, the label has been damaged and Mr Bloom cannot remember what type of bulbs they are.

Can you solve the clues to reveal what type of flower the bulbs will grow into?

Name of Flower	Colour	Height (in cm)	Bloom Time	Planting in Depth (in cm)	Leaves
honey garlic	red	55	Feb	7	long
tulip	white	60	March	4	small
daffodil	yellow	55	Feb	5	thin
bluebell	purple	20	May	6	thin
snowdrop	orange	25	June	7	thin
hyacinth	blue	30	Feb	5	long
crocus	purple	14	March	4	thin
lily of the valley	white	7	May	4	round
peony	red	80	June	7	round
iris	purple	98	June	7	thin
persian buttercup	yellow	18	May	6	short
allium	purple	88	May	7	long
cyclamen	white	9	Feb	3	round
freesia	yellow	42	June	6	thin
grape hyacinth	blue	17	May	5	thin
suberian squill	blue	12	March	4	thin
fritillaria	red	48	April	6	short
winter aconite	yellow	8	Feb	3	round
glory of the snow	white	18	March	5	thin
summer snowflake	white	52	April	6	long
anemone	blue	47	May	7	short
camas lily	blue	90	April	8	thin
gladioli	purple	110	June	7	long
narcissus	yellow	75	Feb	6	long
foxglove	purple	105	June	8	round

Clue 1: Multiplication and Division

Find a pathway through the maze by checking which facts from the 2, 5 and 10 times tables are correct to reveal a clue about the colour of the flowers. You can move across or down but not diagonally.

Start	3 × 5 = 15	4 × 5 = 20	8 × 2 = 16
3 × 2 = 7	70 ÷ 10 = 10	5 × 1 = 1	2 × 2 = 4
20 ÷ 5 = 4	5 × 7 = 35	10 × 4 = 40	10 ÷ 2 = 5
2 ÷ 2 = 1	30 ÷ 5 = 4	6 × 2 = 8	11 × 2 = 20
2 × 8 = 16	50 ÷ 5 = 10	10 × 1 = 1	2 ÷ 1 = 0
60 ÷ 5 = 6	10 × 6 = 60	10 ÷ 10 = 100	5 × 5 = 10
The flowers are **not** red.	The flowers are **not** yellow.	The flowers are **not** blue.	The flowers are **not** blue.

Clue 1: The flowers are not _____.

Clue 2: Coin Count

Tick the column to identify if each row of coins totals £1. If there are more correct answers, the height of the flower is greater than 50cm. If there are more incorrect answers, the height of the flower is less than 50cm.

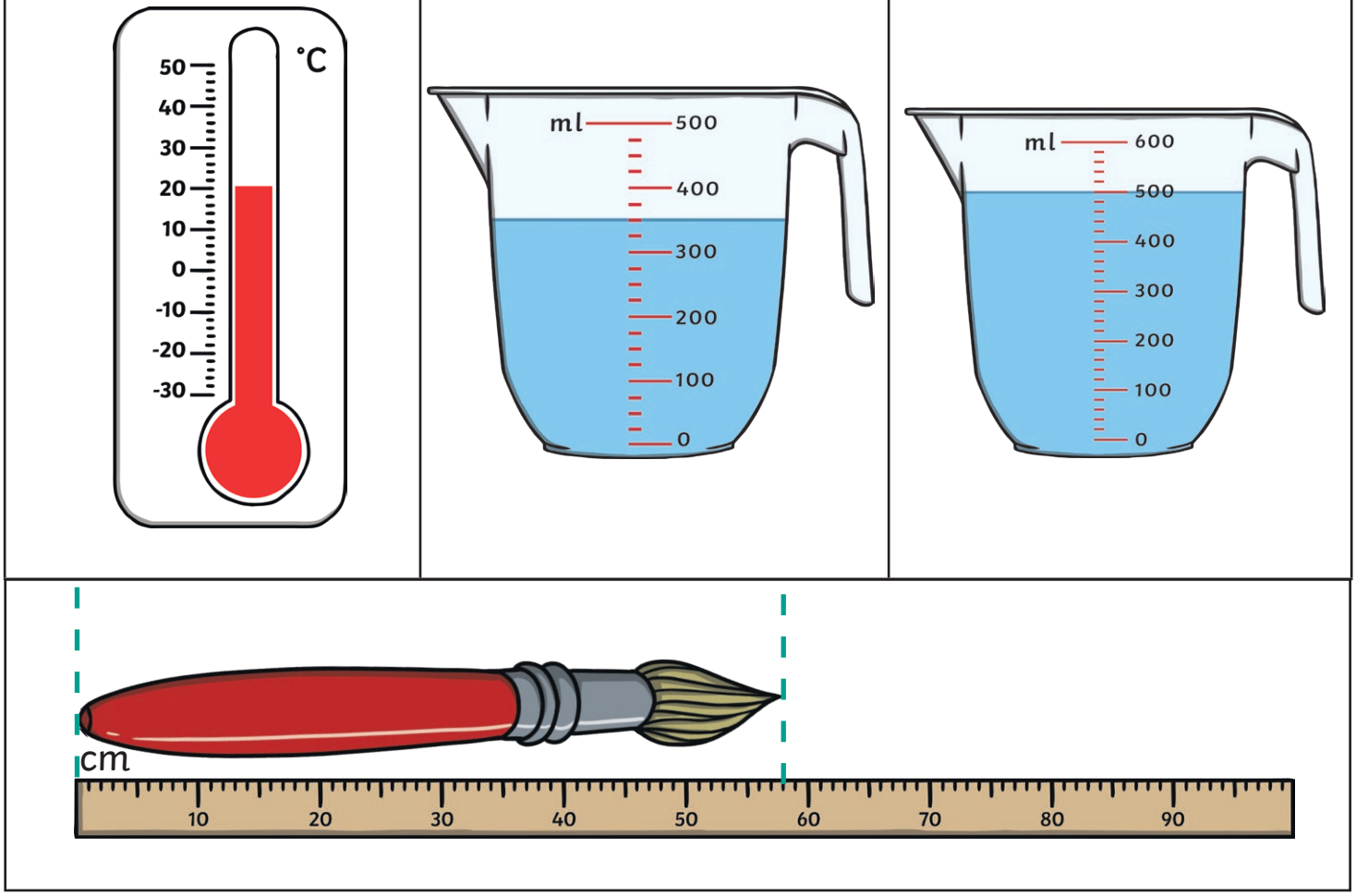
	Correct	Incorrect
 = £1		
 = £1		
 = £1		
 = £1		
 = £1		
 = £1		
 = £1		
Total:		

Clue 2: The height of the flower is _____ 50cm.

Clue 3: Measures

Read the scales. Then, in order, match the answers to the grid to find the corresponding letters. The letters will spell a word that describes the leaves of the flower.

A	B	C	D	E	F	G	H	I	J	K	L	M
310	24	18	301	67	60	85	350	500	8	400	501	56
N	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**	**Z**
58	302	6	57	250	550	20	42	19	21	50	59	300



Clue 3: _____.

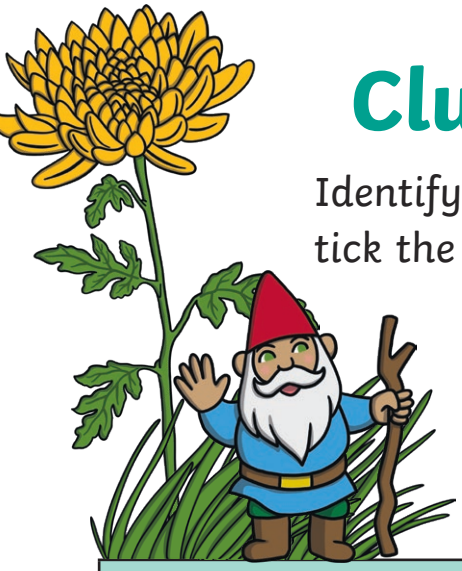
Clue 4: Addition and Subtraction

Solve the calculations. Then, in order, circle the answers in the grid to reveal a clue about when the flower blooms.

6 + 9 + 4 =	37 − 7 =	42 + 35 =
57 + 26 =	34 − 8 =	

20 4cm	83 in	42 bulb	26 May
30 flower	73 is	77 blooms	22 April
12 June	7 March	19 the	13 planted

Clue 4: _____ .

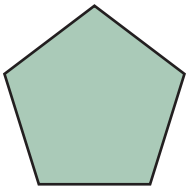
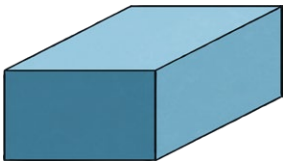
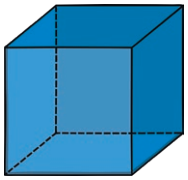
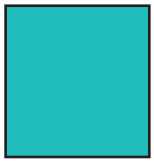
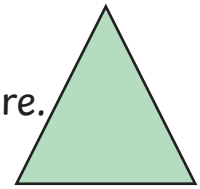


Clue 5: Shape True or False?

Identify if each statement about each shape is true or false and tick the correct column.

If there are more true answers, the planting depth for the bulb is 6cm.

If there are more false answers, the planting depth for the bulb is 5cm.

	True	False
A pentagon has 6 sides. 		
A cuboid has 3 faces. 		
A cube has 12 edges. 		
A square has equal sides. 		
A triangle has less vertices than a square. 		
Total		

Clue 5: The planting depth for the bulb is ____ cm.

The mystery bulb will grow into a _____.