The Mystery of the Pinebridge Village Hanging Baskets Problem

Instructions

Pinebridge Village prides itself on how beautifully kept the lawns and gardens are; especially the lovely hanging baskets which adorn the many lamp posts throughout the village. Each spring, the mayor of the local town visits Pinebridge and praises the residents for the beauty of the many flowers and blossom trees.

However, a crime has been committed!

The day before the mayor's visit, it has been discovered that all the hanging baskets along the High Street have been knocked down and the lovely flowers kicked along the pavements!

As Chief Inspector, it is your job to make sure your team find out who has vandalised the hanging baskets, and bring them to justice.

The descriptions of people in the area were taken. Use their descriptions, solve the clues and identify the scoundrel vandal!

Name	M/F	Age	Height	Wore a watch	shoe size
Harvey Smith	M	36	short	Y	8
Fiona Cresswell	F	27	short	Y	5
Gwen Evans	F	49	tall	N	7
Hannah Gordon	F	18	short	N	5
Michael Jones	M	31	tall	Y	10
Dawid Kucharewski	M	45	tall	N	12
Tyler Baines	M	16	tall	N	11
Marissa Rose	F	17	short	Y	5
Layton Howe	M	40	tall	Y	12
Cameron East	M	32	short	Y	8
Krystyna Bobak	F	30	short	Y	5
Masie Fenton	F	38	tall	N	7
Lisa Winters	F	35	tall	Y	9
Summer Tilley	F	28	short	N	5
Karen Carpenter	F	38	tall	Y	8
Ray Mears	M	46	tall	N	12
Grant Killen	M	40	short	Y	10
Crystal Ball	F	38	short	Y	6
Mel Blanc	F	26	tall	N	8
Aqib Mughal	M	28	tall	N	11
Cormac Kelly	M	69	tall	Y	12
Johnson Phillips	M	55	short	Y	10
Carrie Beag	F	47	short	Y	8
Kathy Eversham	F	40	short	N	4
Jasvinder Mahmoud	F	51	short	Y	5
David Morris	M	57	tall	Y	10
Gill Crisp	F	60	short	N	5
Carter Monk	M	58	short	Y	9
Ross Abbot	M	48	tall	Y	11
Sally Forth	F	32	short	N	4

Clue 1

A Fraction of Amounts

Colour the answers to the following fraction calculations and then re-order the words to make a sentence to solve the first clue.

4/5 of £25	1/10 of 30cm	4/7 of 35p	3/4 of 32kg
1/4 of 120g	3/5 of £200	4/10 of £900	7/10 of 100g
4/10 of 300ml	1/10 of 150g	3/8 of 24 litres	
5/8 of £64	3/4 of 120ml	5/8 of 160 metres	

24kg a	80kg male	20p stick	16 litres was	£360 baskets
100 metres the	15g because	3cm could	90ml used	120ml they
30ml robber	£20 the	40g lamp posts	30g reach	100g down
£40 vandal	£60 damaged	£120 hit	70g not	9 litres to

Answer to clue 1 _____

_____

Clue 2

What's the Perimeter?

Work out the following calculations and find the correct measurement in the box. Spell out the next clue. Work out the perimeter of these shapes from the measurements given.

Square: One side 12cm ☐

Rectangle: width 2cm; length 10cm ☐

Regular hexagon: One side 3cm ☐

Equilateral triangle: One side 3cm ☐

Rectangle: width 4cm; length 5cm ☐

Regular hexagon: One side 4cm ☐

Regular pentagon: One side 6cm ☐

Rectangle: width 2cm; length 8cm ☐

Rectangle: width 13cm; length 20cm ☐

Regular pentagon: One side 12cm ☐

Square: One side 6cm ☐

Equilateral triangle: One side 9cm ☐

Regular octagon: One side 10cm ☐

Equilateral triangle: One side 10cm ☐

Equilateral triangle: One side 5cm ☐

Square: One side 11cm ☐

Equilateral triangle: One side 6cm ☐

A	B	C	D	E	F	G	H	I	J	K	L	M
24cm	2cm	10cm	48cm	18cm	27cm	16cm	44cm	80cm	19cm	11cm	30cm	60cm
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
9cm	12cm	82cm	22cm	40cm	20cm	15cm	6cm	66cm	8cm	4cm	29cm	14cm

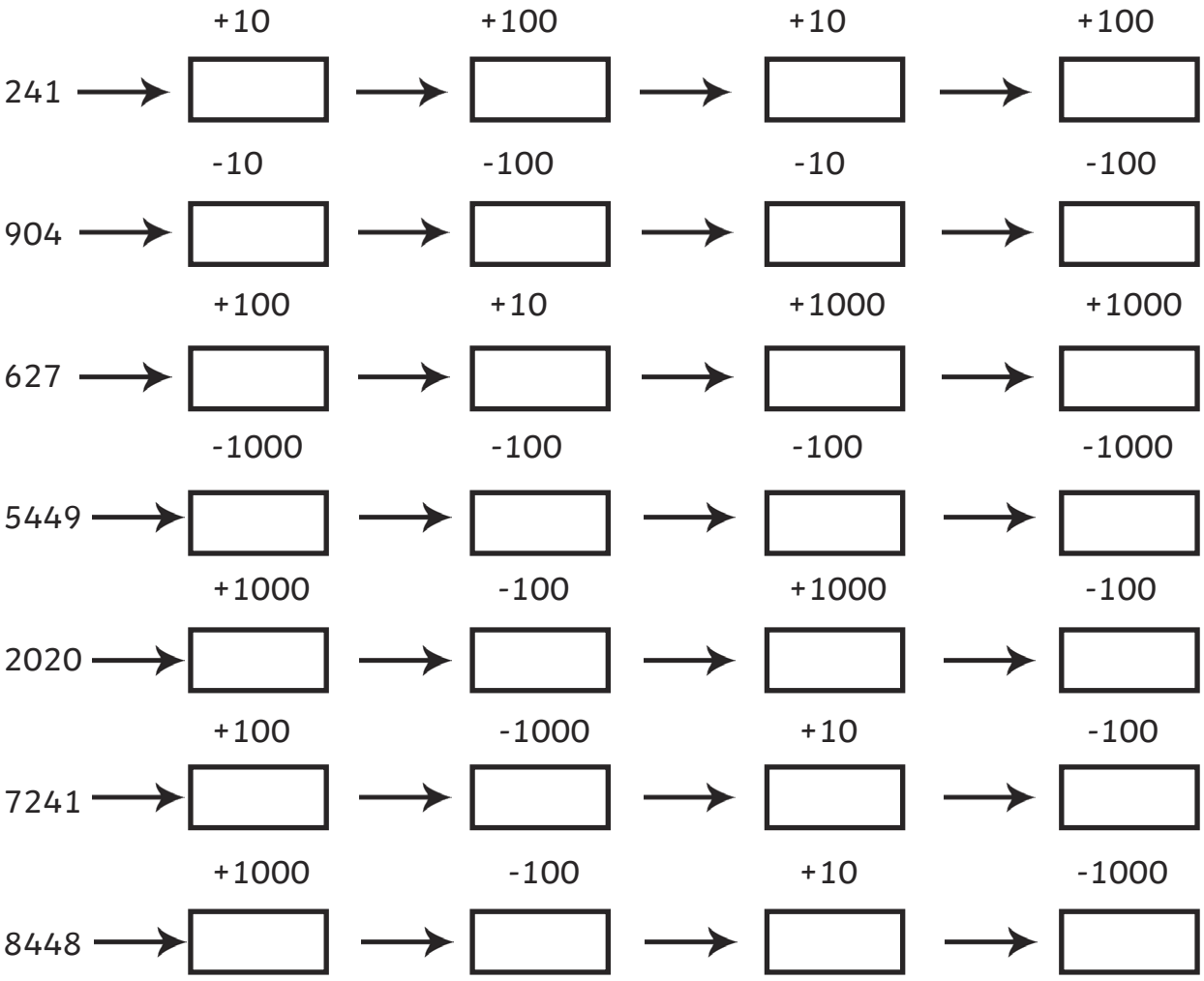
Answer to clue 2 _____

_____

Clue 3

Place the Value

Fill in the missing answer. Take the last answers and match them to the words in the table. Then work out the sentence to solve next clue.



6251 found	894 shoe	4449 short	3820 the
1023 under	461 on	2448 to	7341 man
684 was	737 beside	2737 watch	5449 lost
3858 for	3249 a	9358 table	8358 floor

Answer to clue 3 _____

_____

Clue 4

Right or Wrong?

Work out which of the following calculations are incorrect. The total number of incorrect answers will determine the size of footprint left behind by the vandal.

70 x 3 = 210	240 ÷ 6 = 30	252 - 78 =174
378 + 58 = 446	20 x 8 = 160	900 + 6005 = 6905
200 x 4 = 800	329 + 704 = 1033	188 - 69 = 119
2013 + 604 = 2166	140 ÷ 2 = 70	500 - 15 = 484
155 + 316 = 471	2691 - 745 = 1946	300 ÷ 4 = 60

Answer to clue 4: The footprint was size _____

Clue 5

Spell it Out!

Fill in the missing answers. Then, write each answer below, make sure you write each answer in words, not numbers. Take the first letter in each answer (apart from number 6) and use them to work out the decade of the age of the vandal.

1. Fourteen days is the same as how many weeks?
2. Seven days is the same as one _____.
3. August is the _____ month of the year.
4. 8pm until 8am would be _____ time.
5. If there was no December or January, there would be _____ months in the year.
6. There are 60 seconds in one of these. Write the second letter of the word: _____
7. These months all have something in common. What is it? June, October, November: _____
8. There are 120 of these in 2 minutes. _____

Answer to clue 5: _____

The vandal of the Pinebridge Village hanging baskets is

_____