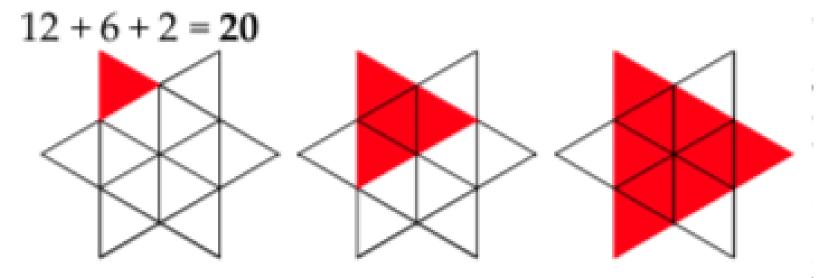
CANONBURY
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Summer Week 11 Lesson 3 – 08.07.20

<u>Starter</u>

3. How Many Triangles?





Canonbury Home Learning

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The Mystery at the Grand Portrait Gallery

Answers

Clue 1: Forwards and Backwards

18	60	35
is	doodler	the
50	20	14
short	tall	female
10	16	15
mysterious	moustache	chocolate

Answer to clue 1: The mysterious moustache doodler is tall.

Clue 2: Right or Wrong

	Right	Wrong
A rectangle has two long sides the same length and two shorter sides the same length.	✓	
These coins add up to £1.16.		
		✓
140cm is the same as 1m 40cm.	✓	
There are 15 days in two weeks.		✓
A cylinder has two squares at each end.		✓
2 + 2 + 2 + 2 is equal to 4 × 2.	✓	
42 - 13 = 30		✓

Answer to clue 2: There are more wrong answers so the culprit is male.

The Mystery at the Grand Portrait Gallery

Answers

Clue 3: Arrays of Arrays!

8 × 3 = 24	10 × 3 = 30	4 × 5 = 20	4 × 3 = 12
is	Klee	Cézanne	in
10 × 5 = 50	8 × 2 = 16	6 × 2 = 12	2 × 7 = 14
Choco Glory	Monet	vandal	chocolate
5 × 2 = 10	2 × 3 = 6	5 × 5 = 25	10 × 2 = 20
the	found	group	wrapper

Answer to clue 3: The vandal is in Klee group.

Clue 4: Fraction of a Whole

3	0	4	10
was	shoe	beside	found
1	5	11	7
Dippy Duo	wrapper	Choco Glory	Caramel Bite
6	9	12	2
the	a	paintings	size

Answer to clue 4: A Caramel Bite wrapper was found beside the paintings.

Clue 5: Missing Moustaches

102	76	101
the	five	drawing
90	73	105
vandal	moustache	three
66	100	99
behind	α	left
98	70	92
size	four	footprint

Answer to clue 5: The moustache drawing vandal left a size four footprint.

The mysterious moustache doodler is Raphael!

Canonbury Home Learning Clue 1: Zoo True or False?

Answers

	true	false
If there are four enclosures each holding eight lemurs, there must be thirty-two lemurs altogether.	✓	
One side of a pentagonal enclosure measures 18m. The perimeter must be 108m.		✓
0.25 equals $\frac{1}{4}$.	✓	
XIX is the same as 18.		✓
218 - 89 = 119		✓
The giraffes have 24kg of food. They eat half. The remainder would be 12 000g.	✓	
The penguin enclosure is closed for $\frac{1}{4}$ of the year. That means it is closed for four months.		✓
A child's ticket to the zoo costs £14.45. An adult's ticket costs £19.40. For two adults and one child, the price will be £53.25.	✓	
Annual membership to the zoo for one adult costs £60. That works out at £5 a month.	✓	



Clue 2: Divide and Conquer! Answers

1.	210	÷	10	=	21	5.	3	÷	10	=	0.3
2.	3000	÷	10	-	300	6.	7	÷	10	-	0.7
3.	270	÷	10	-	27	7.	300	÷	100	-	3
4.	27	+	100	-	0.27	8.	21	÷	100	-	0.21

0.1	0.03	0.7	27
keys	friendly	mischievous	creature
0.3	3000	2.1	21.7
is	primate	noisy	leaves
0.27	21	30	300
monkey	a	seeds	very
3	0.07	0.027	0.21
the	screeches	fruit	

The mischievous monkey is a very sociable creature.



Clue 3: Along the Landing and Up the Stairs Answers

Eat Fruit

Clue 4: Feeding Time at the Zoo **Answers**

16.40	13.00	15.45	13.40
wasn't	capuchin	wαs	height
14.00	15.40	16.16	17.20
keys	who	baboon	mandrill
16.15	12.40	14.30	30.30
the	short	stole	lost
14.40	13.25	13.30	16.00
howler	monkey	dropped	a

Monkey who stole the keys was a mandrill.

Clue 5: How Tall is the Monkey? **Answers**

Canonbury Home Learning

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The Mystery of the Missing Pirate Treasure Answers

The Mystery of the Missing Pirate Treasure **Answers**

Clue 1

	Right	Wrong X
32.6 - 21.52 = 11.8		×(11.08)
10.04 + 17.37 = 27.41	✓	
2.3 + 1.84 + 3.07 = 6.94		X(7.21)
95.32 - 26.86 = 68.46	✓	
1.257 + 15.682 = 16.939	✓	
68.72 - 39.562 = 29.162		× (29.158)
15.686 + 39.868 = 55.554	✓	
107.248 - 57.3 = 49.948	✓	
84.732 - 69.92 = 14.64		× (14.812)
Total	5	4

Clue 1: The buried treasure is more than 150 metres above sea level.

Clue 2

Clue 2: .

Use written methods of multiplication and division to solve these calculations. Colour the answers in the table below. Re-arrange the shaded words to find the second clue.

	1. 18 × 36 = 648	2. 756 ÷ 9 = 84	3. 8.2 × 12 = 98.4
I	4. 1024 + 8 = 128	5. 19 × 28 = 532	6. 65 × 92 = 5980

98.4	92.4	88	540
the	is more than	one thousand	six thousand
84	532	640	130
of the	population	five thousand	four thousand
648	128	5980	6980
island	is less than	ten thousand	three thousand

The population of the island is less than ten thousand.

Clue 3

What is the height of the tide at 3:00 p.m. in the afternoon? (1.8 metres)

How many hours did it take for the tide to change from its lowest level to its highest level? (6 hours)

What is the height of the tide at 7:00 p.m.? (3.4 metres)

By how many metres did the tide level change between 2:00 p.m. and 8:00 p.m.? (2.8 metres)

By how many metres did the tide level change between 8:00 p.m. and 11:00 p.m.? (1.1 metres)

6 hours	1.7 metres	1.2 metres	1.1 metres
the	is less than	60 miles	70 miles
5 hours	3.4 metres	2.8 metres	1.8 metres
80 miles	island	is more than	away

Clue 3: .	The island is more than 70 miles away.						
Clue 4	1.	2.6	1.84	1.8	1.805	2.06	
		1.8	1.805	1.84	2.06	2.6	
	2.	1.1	1.2	2.1	1.19	2.2	
		1.1	1.19	1.2	2.1	2.2	
	3.	5-8	$\frac{1}{2}$	5	11	$\frac{2}{3}$	
		11 24	$\frac{1}{2}$	<u>5</u>	2 3	5	
	4.	56 235	56 181	56 824	65 455	56 881	
		56 181	56 235	56 824	56 881	65 455	
	5.	56.268	562.68	5.626	56 268	5626.8	
		5.626	56.265	562.68	5626.8	56 268	

the south-west 2.06	located in 5	treasure caves	the north-east 2.1
island's	the south-east	the north	the east
2.6		56 881	5626.8
are	the south	the north-west	the west
65 455	1.84	56 268	

Clue 4: The island's treasure caves are located in the north-west.

The buried treasure can be found on: Ring of Rocks Island