

Canonbury Home Learning

Year 6 Maths

Developing/ Expected/ Greater depth activity

Lesson 2

LO: TBAT solve word problems.

Task: This week you will be designing a Lunar theme park.

Success Criteria:

1. Complete your theme park from yesterday.
2. Read the costings tables.
3. Write out a list of all your rides and facilities and then work out the costings.
4. Add all the totals together to find the final total of the costs. To find out how much your theme park would cost to run for the day.

Roman Numerals			
Can you count by only using letters?			
I	1	XXX	30
II	2	XL	40
III	3	L	50
IV	4	LX	60
V	5	LXX	70
VI	6	LXXX	80
VII	7	XC	90
VIII	8	C	100
IX	9	D	500
X	10	M	1,000
XX	20	MD	1,500

applefortheteacher.co.uk

Roman Numerals

Maths, Roman Numerals Grid

1	2	3	4	5	6	7	8	9	10
I	II	III	IV	V	VI	VII	VIII	IX	X
11	12	13	14	15	16	17	18	19	20
XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX
21	22	23	24	25	26	27	28	29	30
XXI	XXII	XXIII	XXIV	XXV	XXVI	XXVII	XXVIII	XXIX	XXX
31	32	33	34	35	36	37	38	39	40
XXXI	XXXII	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	XXXVIII	XXXIX	XL
41	42	43	44	45	46	47	48	49	50
XLI	XLII	XLIII	XLIV	XLV	XLVI	XLVII	XLVIII	XLIX	L
51	52	53	54	55	56	57	58	59	60
LI	LII	LIII	LIV	LV	LVI	LVII	LVIII	LIX	LX
61	62	63	64	65	66	67	68	69	70
LXI	LXII	LXIII	LXIV	LXV	LXVI	LXVII	LXVIII	LXIX	LXX
71	72	73	74	75	76	77	78	79	80
LXXI	LXXII	LXXIII	LXXIV	LXXV	LXXVI	LXXVII	LXXVIII	LXXIX	LXXX
81	82	83	84	85	86	87	88	89	90
LXXXI	LXXXII	LXXXIII	LXXXIV	LXXXV	LXXXVI	LXXXVII	LXXXVIII	LXXXIX	XC
91	92	93	94	95	96	97	98	99	100
XCII	XCIII	XCIV	XCV	XCVI	XCVII	XCVIII	XCIX	C	

Putting the love in learning

Task 1	Task 2	Task 3																												
<p>Problem solving Use Roman numerals to solve the following...</p> <p>Q1. Write the answers to these calculations in Roman numerals. One has been done for you. V + VI = XI IX + XLV = <input type="text"/> XC - XXIV = <input type="text"/></p> <p>Q2. Here is a number written in Roman numerals. DCCIX Write the number in figures.</p> <p>Q3. Here is a number written in Roman numerals. XXIV Write the number in figures.</p>	<p>Arithmetic</p> <p>22 $\frac{2}{5} = \frac{12}{?}$</p> <hr/> <p>23 $1^3 + 7^2 =$</p> <hr/> <p>24 $\frac{2}{5} \times 20 =$</p> <hr/> <p>25 72% of 2000 =</p> <hr/> <p>26 $27 \overline{)6849} =$</p> <hr/> <p>27 $\frac{3}{4} \times \frac{5}{7} =$</p> <hr/> <p>28 $\frac{1}{3} + 2 =$</p>	<p>Project Work out your daily costings.</p> <p>2. Running your theme park <i>To run your theme park the following costs will apply to each item that you have every day. How much will it cost to run your theme park for one day?</i></p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">ONGOING COSTS</th> </tr> <tr> <th>Item</th> <th>Staff Costs</th> <th>Electricity/ maintenance/ repairs</th> <th>Total Costs per day</th> </tr> </thead> <tbody> <tr> <td>Major ride</td> <td>£50</td> <td>£60</td> <td>£110</td> </tr> <tr> <td>Minor ride</td> <td>£40</td> <td>£40</td> <td>£80</td> </tr> <tr> <td>Café</td> <td>£30</td> <td>£20</td> <td>£50</td> </tr> <tr> <td>Shop</td> <td>£20</td> <td>£20</td> <td>£40</td> </tr> <tr> <td>Toilet</td> <td>£5</td> <td>£5</td> <td>£10</td> </tr> </tbody> </table> <p style="text-align: center;">- 2 -</p>	ONGOING COSTS				Item	Staff Costs	Electricity/ maintenance/ repairs	Total Costs per day	Major ride	£50	£60	£110	Minor ride	£40	£40	£80	Café	£30	£20	£50	Shop	£20	£20	£40	Toilet	£5	£5	£10
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Q4.

Look at these numbers written in Roman numerals.

One is not written correctly.

Put a cross (X) on it.

MMCM MCMM MMMC MMCC MCCC