

Answers

Vlogging Numbers

- | | | |
|-----------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------|
| 1 The Vikings
$75248 + 18391 = \mathbf{93639}$ | 2 The Ancient Egyptians
$35292 + 94637 = \mathbf{129929}$ | 3 The Ancient Romans
$83546 + 14182 = \mathbf{97728}$ |
| 4 The Ancient Greeks
$71401 + 85232 = \mathbf{156633}$ | 5 The Anglo Saxons
$73471 + 64342 = \mathbf{137813}$ | 6 The Stone Age
$91879 + 58816 = \mathbf{150696}$ |
| 7 The Victorians
$29314 + 13023 = \mathbf{42337}$ | 8 The Aztecs
$28167 + 35472 = \mathbf{63639}$ | 9 The Shang Dynasty
$82572 + 53346 = \mathbf{135918}$ |

The most popular vlog was: **The Ancient Greeks**

Mortgage Money

The Browns	$£83691 - £41045 = \mathbf{£42646}$
The Patels	$£69366 - £16725 = \mathbf{£52641}$
The Carrascos	$£50648 - £37142 = \mathbf{£13506}$
The Smiths	$£89156 - £58429 = \mathbf{£30727}$
The Woods	$£57823 - £36179 = \mathbf{£21644}$
The Ostapskis	$£70529 - £45283 = \mathbf{£25246}$
The Levocats	$£96724 - £68153 = \mathbf{£28571}$
The Whites	$£57599 - £28375 = \mathbf{£29224}$
The Barlows	$£81653 - £25317 = \mathbf{£56336}$
The Renshaws	$£79035 - £46271 = \mathbf{£32764}$

Which family has the most left to pay on their mortgage? **The Barlows**

Answers

The Biscuit Factory

How many biscuits were made altogether on Monday? **81 411**

On which day of the weekend were the most biscuits made? Saturday or Sunday? **Saturday**

On Monday, how many more chocolate biscuits were made than plain biscuits? **22 121**

What is the difference between the number of plain biscuits made on Wednesday and the number of plain biscuits made on Thursday? **1012**

Look at the data for Thursday and Friday. Which of these days has the largest difference between the number of plain and chocolate biscuits made? **Friday**

Wonderland

Food and drink items	Number sold in July	Estimate for August
Sausages	164 562	160 000
Burgers	236 461	240 000
Lollipops	486 482	490 000
Cheese Sandwiches	461 955	460 000
Bottles of lemonade	764 169	760 000
Tea bags	846 562	850 000
Cakes	861 461	860 000
Bags of crisps	354 495	350 000
Ice lollies	429 344	430 000
Meat pies	137 465	140 000

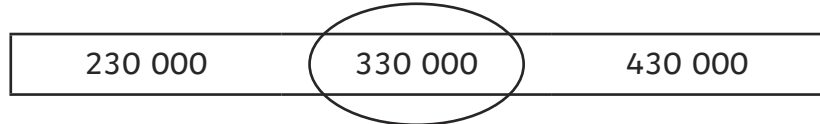
Answers

Wonderland 2

Tuesday

$$£495\,468 - £174\,792 =$$

$$£500\,000 - £170\,000$$



Wednesday

$$£843\,468 - £354\,592 =$$

$$£840\,000 - £350\,000$$



Thursday

$$£657\,384 - £423\,551 =$$

$$£660\,000 - £420\,000$$



Friday

$$£465\,561 - £217\,641 =$$

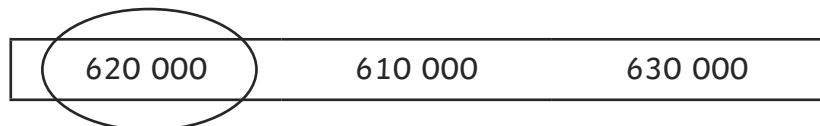
$$£470\,000 - £220\,000$$



Saturday

$$£978\,466 - £358\,941 =$$

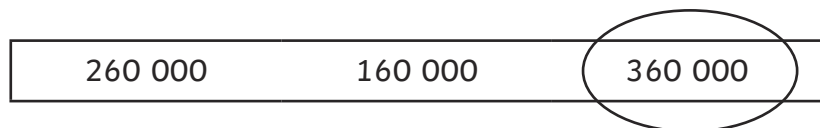
$$£980\,000 - £360\,000$$



Sunday

$$£892\,549 - £527\,946 =$$

$$£890\,000 - £530\,000$$



Based on the estimates, on which day was the most money made? **Saturday**

Answers

Master Mathematician

1. Romina and Lucas are discussing a question.

What is 368 846 rounded to the nearest 10 000?

Explain who is correct and how you know.

Accept any answer that demonstrates Romina is correct because she has rounded up to the nearest ten thousand whereas Lucas has rounded up to the nearest thousand.

2. Daniel is out shopping. He has £536.87. He spends £247.56 on a new laptop and £172.26 on a present for his mum. How much money does he have left remaining after buying the gifts?

£117.05

3. Set out and solve these calculations using a column method of addition or subtraction.

$$3254 + \boxed{4745} = 7999$$

$$2431 = \boxed{5787} - 3356$$

$$6373 - \boxed{2855} = 3518$$

$$6719 = \boxed{11\ 344} - 4625$$

4. Mr and Mrs Woods both need a new car. They have gone to the car show room with £25 496 to spend. Mr Woods buys a car for £12 964 and Mrs Woods buys a car for £9462. How much money do they have remaining?

£3070