

Year 4
Block 1 Assessment
Paper 2
(Answers at the end of the quiz)



Question 1

Using only the numbers and symbols above,
how can you make the number 45?

(You may use the numbers and symbols as
many times as you wish)

4

9

=

+

x



Question 2

9

36

4

Write 4 number sentences using these 3 numbers

$$\square \times \square = \square$$

$$\square \times \square = \square$$

$$\square \div \square = \square$$

$$\square \div \square = \square$$



Question 3

Put a ring round the amount
which is nearest to £10

£10.35

£9.91

£9.79

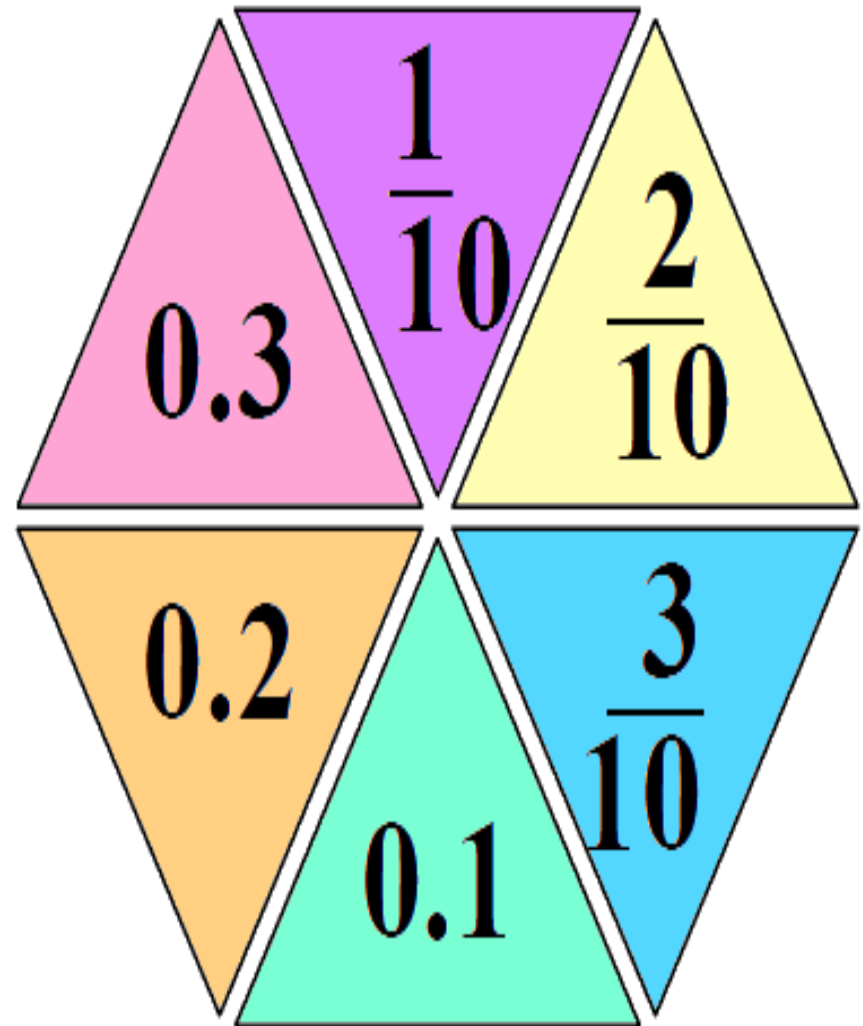
£11.00

£10.26



Question 4

- a) What is $\frac{6}{10}$ of £1?
- b) What fraction of £1 is 70p?
- c) Which 4 scores on the spinner add up to 1 whole one?



Complete the table.

+	32	47	
	47		
24			99
	82		



Question 6

$$\begin{array}{r} \text{a) } 167 \\ 258 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 417 \\ - 78 \\ \hline \end{array}$$



Question 7

x	4	2	6	3
8				
3				
5				
9				

x		4	9	
		8		
3				18
		16		
	40			30



Question 8

There are 24 biscuits in a packet. How many biscuits are there in 6 packets?
(Show your working, you may get a mark)



Question 9

Put a ring round the numbers which have a remainder of 1 when divided by 4.

12	13	14	15	16
17	18	19	20	21
22	23	24	25	26
27	28	29	30	31
32	33	34	35	36



A bottle can fill 4 glasses. How many bottles are needed to fill 38 glasses? (Show your working, you may get a mark)



Question 11

Complete the table.

Film	Start	Finish	Film length
The 3 Wolves	10.35am	11.45am	
Moon Wars	11.05am	12.50pm	
Spider Story		1.10pm	50 mins



Question 12a

Look at this calendar for June 2001.
Which day of the week is 16th June?

June						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



Question 12b

What is the date of the second Monday in June?

June						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



Question 12c

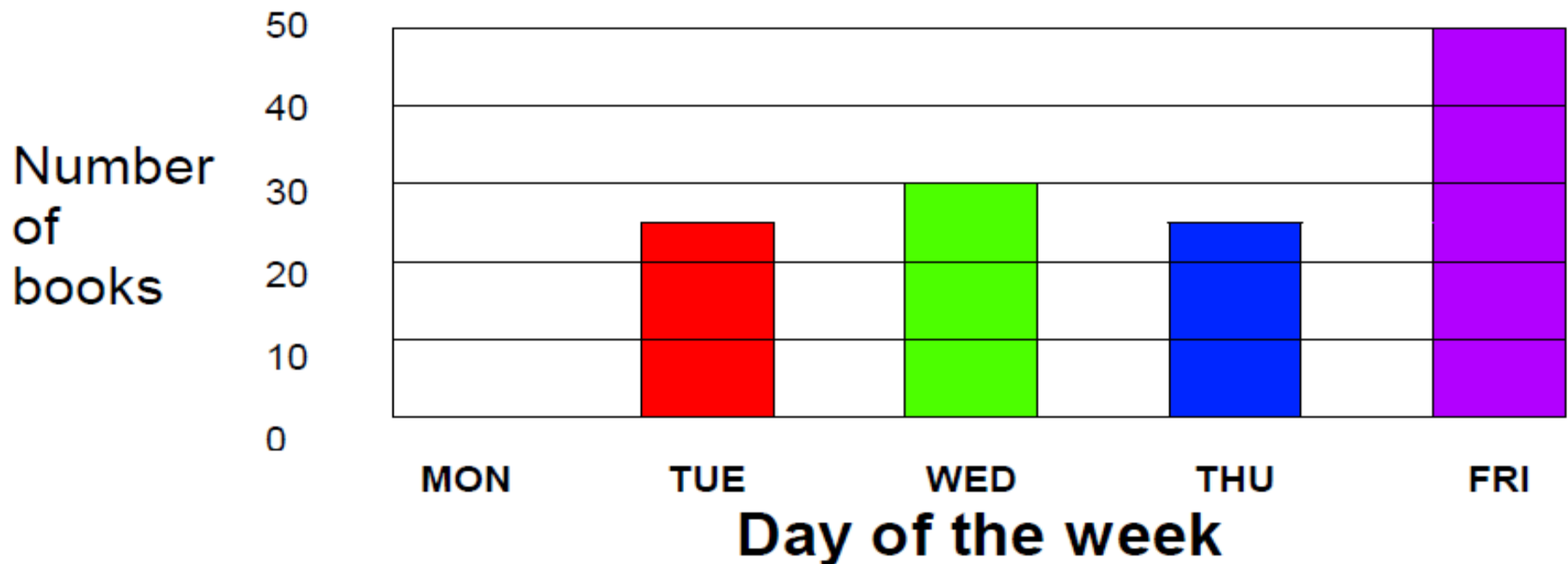
The Smith family are going on holiday 2 weeks after the 14th of June. What date will that be?

June						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Question 13a

15 books were borrowed on Monday. Draw in the bar.

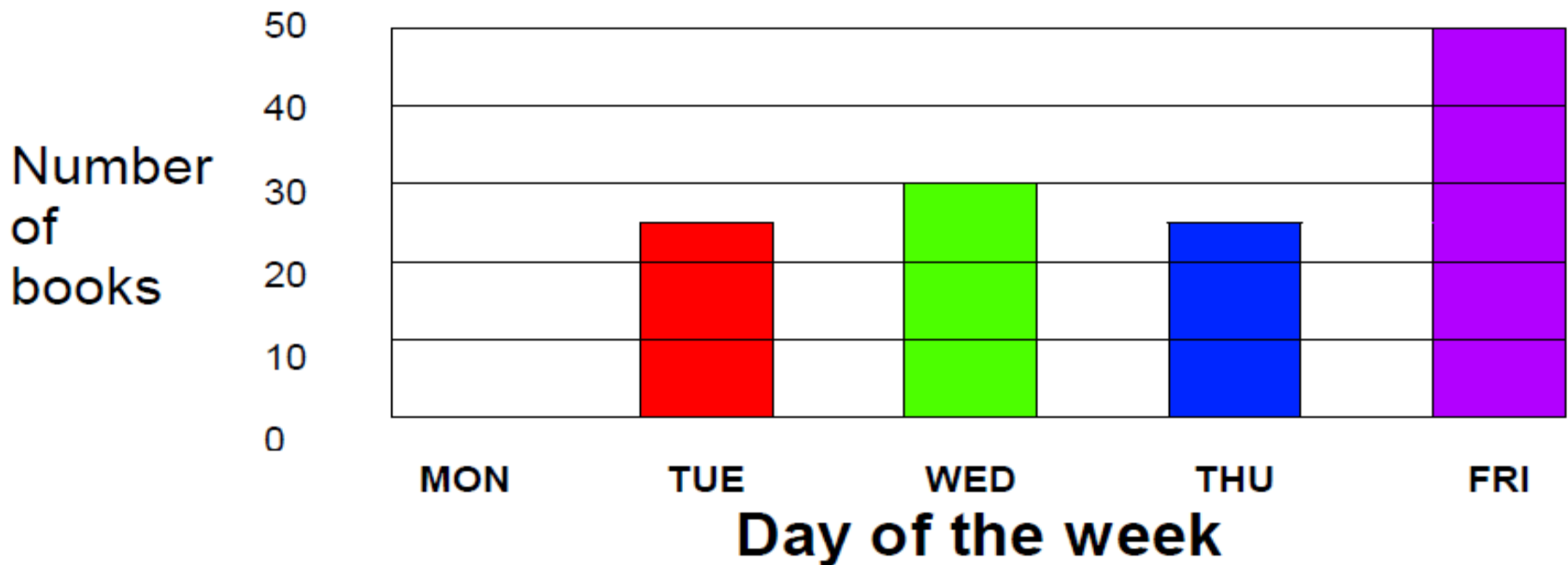
Books borrowed from library



Question 13b

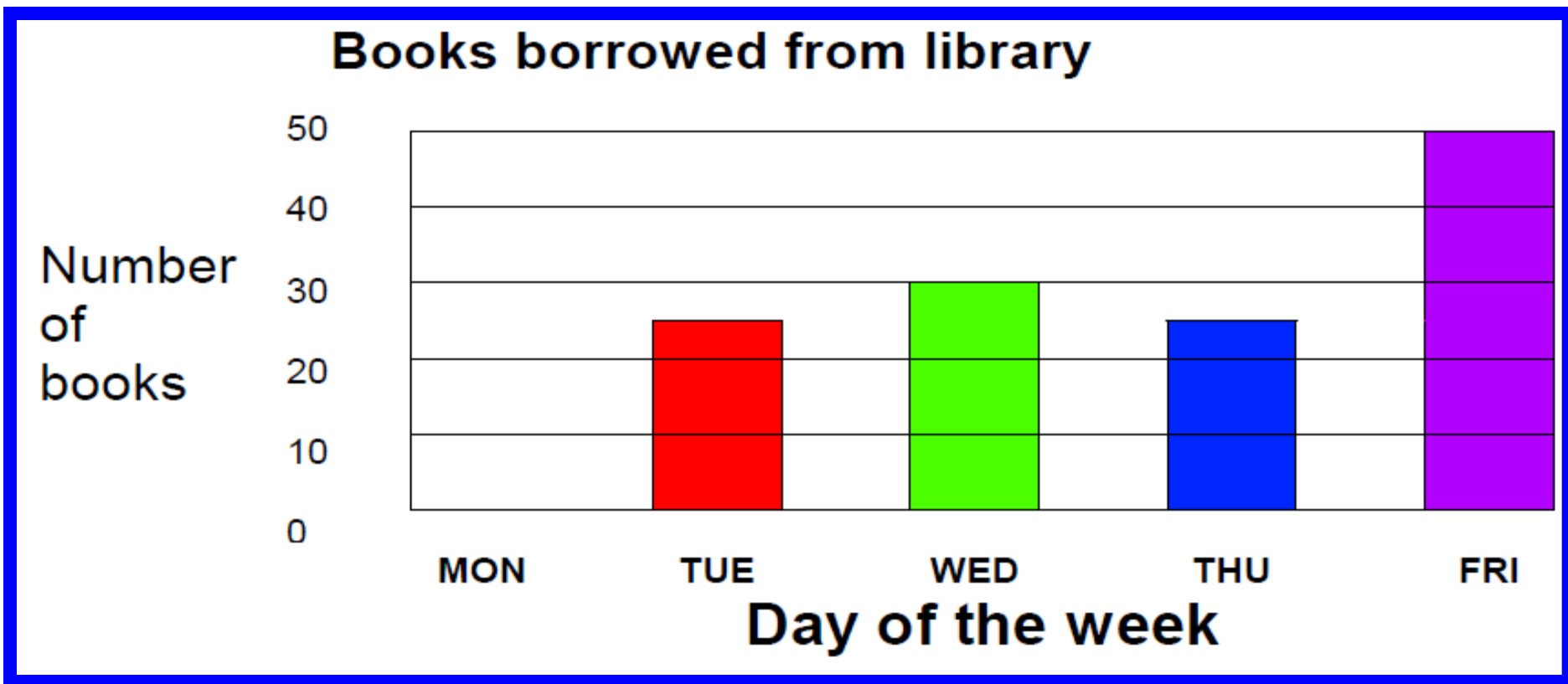
On which day were the most books borrowed?

Books borrowed from library



Question 13c

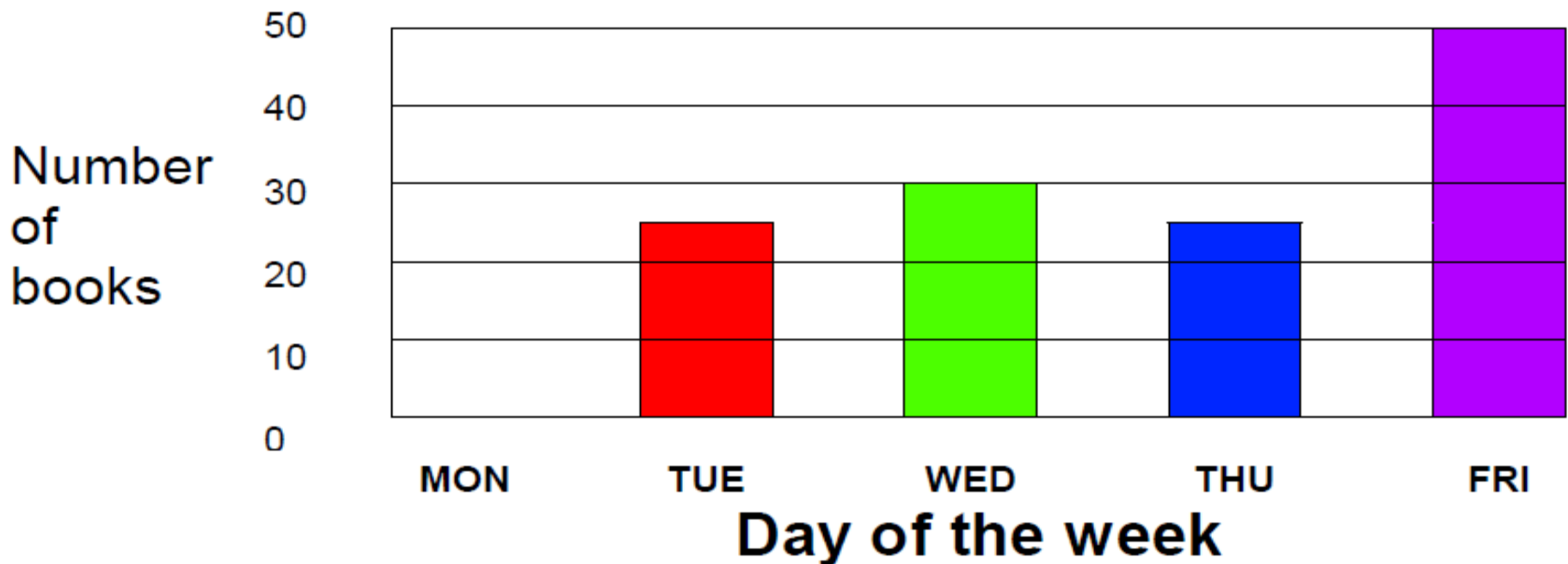
How many books were borrowed on Thursday?



Question 13d

How many books were borrowed altogether during the week?

Books borrowed from library



Answers

Quest. No.	Level	Answer	Comments 36 marks in total																
1	3b	Various possible answers	1 mark																
2	3b	$4 \times 9 = 36$ $36 \div 4 = 9$ $9 \times 4 = 36$ $36 \div 9 = 4$	2 marks. 1 mark for at least 2 correct.																
3	3a	£ 9.91	1 mark																
4	3a	a) 60p b) 7/10 c) 0.2, 0.3, 2/10, 3/10 (various)	1 mark 1 mark 1 mark																
5	3b	<table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>+</td> <td>32</td> <td>47</td> <td>75</td> </tr> <tr> <td>15</td> <td>47</td> <td>62</td> <td>90</td> </tr> <tr> <td>24</td> <td>56</td> <td>71</td> <td>99</td> </tr> <tr> <td>50</td> <td>82</td> <td>97</td> <td>125</td> </tr> </tbody> </table>	+	32	47	75	15	47	62	90	24	56	71	99	50	82	97	125	3 marks for all correct. 2 marks for 6 or more correct. 1 mark for 3 or more correct.
+	32	47	75																
15	47	62	90																
24	56	71	99																
50	82	97	125																
6	3b	a) 470 b) 339	1 mark for each																

Answers

7	3a	<table border="1"> <thead> <tr> <th>X</th> <th>4</th> <th>2</th> <th>6</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>32</td> <td>16</td> <td>48</td> <td>24</td> </tr> <tr> <td>3</td> <td>12</td> <td>6</td> <td>18</td> <td>9</td> </tr> <tr> <td>5</td> <td>20</td> <td>10</td> <td>30</td> <td>15</td> </tr> <tr> <td>9</td> <td>36</td> <td>18</td> <td>54</td> <td>27</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>X</th> <th>8</th> <th>4</th> <th>9</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>16</td> <td>8</td> <td>18</td> <td>12</td> </tr> <tr> <td>3</td> <td>24</td> <td>12</td> <td>27</td> <td>18</td> </tr> <tr> <td>4</td> <td>32</td> <td>16</td> <td>36</td> <td>24</td> </tr> <tr> <td>5</td> <td>40</td> <td>20</td> <td>45</td> <td>30</td> </tr> </tbody> </table>	X	4	2	6	3	8	32	16	48	24	3	12	6	18	9	5	20	10	30	15	9	36	18	54	27	X	8	4	9	6	2	16	8	18	12	3	24	12	27	18	4	32	16	36	24	5	40	20	45	30	<p>8 marks in total.</p> <p>EACH GRID</p> <p>4 marks ALL correct. 3 marks for 12 correct. 2 marks for 8 correct. 1 mark for at least 4 correct.</p>
X	4	2	6	3																																																	
8	32	16	48	24																																																	
3	12	6	18	9																																																	
5	20	10	30	15																																																	
9	36	18	54	27																																																	
X	8	4	9	6																																																	
2	16	8	18	12																																																	
3	24	12	27	18																																																	
4	32	16	36	24																																																	
5	40	20	45	30																																																	
8	3b	144 biscuits	<p>1 mark for answer. 1 mark for correct method.</p>																																																		
9	3b	13, 17, 21, 25, 29, 33	<p>2 marks for all correct. 1 mark for 3 or more correct.</p>																																																		
10	3b	10 bottles	<p>1 mark for answer. 1 mark for correct method.</p>																																																		
11	3a	1h 10mins, 1h 45mins, 12.20pm	3 marks (1 each)																																																		
12	3c	a) Saturday b) 11 th June c) 28 th June	a) 1 mark b) 1 mark c) 1 mark																																																		
13	3a	a) correctly drawn column b) Friday c) 25 d) 145	4 marks																																																		

Level

Draft Level Thresholds Y4 Block 3

Below level 2	Level 2			Level 3			Level 4 & above
0 - 10	11 - 28			29 - 43			44 - 63
- level 2	2C	2B	2A	3C	3B	3A	level 4 +
0 - 10	11 - 16	17 - 21	22 - 28	29 - 33	34 - 38	39 - 43	44 - 63

Total marks for Part 1 and Part 2 = 63 marks



Printable Student Test Paper

Click here for the
printable student test
paper for Year 4 Block
3 Test.



References and additional resources.

The questions and ideas for this PowerPoint came from:
Wigan LEA Numeracy Centre
Year1 Block 1 Assessment

Thank You

PowerPoint template published by www.ksosoft.com

All the planning for this unit can be found at:
<http://www.wiganschoolsonline.net/curriculum/math/assess.shtm>

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