BRICKWORK Mathematics

Post learning Assessment
Division Year 5- Answers

Multiplication + Division

1) Answer these division sums

a) 36 ÷ 9 = 4

b) 78 ÷ 3 = 26

c) 104 ÷ 8 = 13

d) 400 ÷ 5 = 80

e) 630 ÷ 70= 9

The children should show confidence in selecting efficient mental methods for division.

2) Answer these division sums

a) 180 ÷ 2 = 90

b) 1500 ÷ 2 = 750

c) 220 ÷ 4 = 55

d) 1800 ÷ 4 = 450

e) 1400 ÷ 4 = 350

The children should show confidence in selecting efficient mental methods for division.

3) 936 ÷ 3 = 312

	3	1	2						
3	9	3	6						

The children should show confidence in selecting efficient mental or written methods for division.

4) 756 ÷ 4 = **189**

	1	8	9						
4	7	3 5	3 6						

5) 8448 ÷ 4 = **2112**

	2	1	1	2					
4	8	4	4	8					

6) **1568** = 7840 ÷ 5

	1	5	6	8					
5	7	2 8	3 4	4 0					

7)

a)

1 4 0 r4

6 | 8 2 4 | 4

140 r4

b)

0 6 3 8 r6

9 | 5 5 7 3 4 7 8

638 r6

8) Circle all composite numbers in the list below

2 (8) (9) 5 13 (12) 19

9) Complete the Carroll diagram by placing one number into each section:

	Prime number	Composite number
Less than 50	accept any correct answer 1,2,3,5,7,11,13 etc.	accept any correct answer 4,6,8,9,10,12,14,15 etc.
More than 50	accept any correct answer 53,59,61,67,71 etc.	accept any correct answer 51,52,54,55,56,etc.

10) Mrs Vaani wants to collect up all of the spare work books in the school. There are 12 classes in the school and she collects 564 books altogether. How many books will Mr Roper, Miss Smith and Mrs Vaani get if they share them equally?

Children should pick out the relevant information and understand that they are required to divide 564 by the three teachers.

$$3 \overline{)\, 5^{2}\,6^{2}\,4} = 188$$

188 books

11) Year 5 bake cakes for a school charity cake sale. Class 5H make 78 cakes. Class 5P make 99 cakes. Class 5Y make 61 cakes. They want to sell the cakes in boxes that hold 6 cakes. How many boxes of cakes will they have ready to sell?

First, the children should demonstrate understanding that they need to:

78 + 99 + 61 = 238

Then the children should understand that this total needs dividing by 6

$$6 \overline{)\, 2^{2}\,3\,8^{5}} = 39 \text{ r } 4$$

39 boxes

Children should understand that they will have 39 full boxes and select this amount due to the context of the question.