



1) Answer these division sums:

a)  $45 \div 9 = 5$

b)  $96 \div 8 = 12$

c)  $270 \div 3 = 90$

d)  $3600 \div 6 = 600$

e)  $420 \div 70 = 6$

Children should demonstrate use of mental methods such as using knowledge of times table facts and understanding of place value.

2) Answer these division sums

a)  $86 \div 2 = 43$

b)  $700 \div 2 = 350$

c)  $260 \div 4 = 65$

d)  $640 \div 4 = 160$

e)  $1000 \div 4 = 250$

Children should demonstrate use of mental methods such as using knowledge of times table facts or use of halving to divide by 2 and 4.

3)  $848 \div 4 =$

	2	1	2						
4	8	4	8						

Children may have performed this calculation mentally. If the children have used a written method, assess that they can use the bus stop method accurately

212

4)  $654 \div 6 =$

109

	1	0	9						
6	6	<del>5</del>	<sup>5</sup> 4						

Children may have performed this calculation mentally. If the children have used a written method, assess that they can use the bus stop method accurately involving the use of carrying hundreds and tens over.

5)  $6936 \div 3 =$

2312

	2	3	1	2					
3	6	9	3	6					

The children may have used a formal written method. Assess that they can use the bus stop method accurately for 4 digits divided by 1 digit and can explain what they are doing at each stage

6)

560

$= 3920 \div 7$

	0	5	6	0					
7	<del>3</del>	<sup>3</sup> 9	<sup>4</sup> 2	0					

If the children have used a written method, assess that they can use the bus stop method accurately. Check that they demonstrate understanding of carrying hundreds and tens over and dividing when zero is used as a place holder.

7)

a)									
		0	6	8	r2				
	5	3	<sup>3</sup> 4	<sup>4</sup> 2					
								68 r 2	
<hr/>									
b)									
	1	4	6	5	r2				
6	8	<sup>2</sup> 7	<sup>3</sup> 9	<sup>3</sup> 2					
								1465 r 2	

Children should demonstrate that they can express any remainders from division sums. Some children may also present this as a decimal or a fraction, however this is not yet required until year 6.

8) Write all prime numbers between 10 and 20

11, 13, 17, 19

9) Circle all the numbers that are prime numbers

21

29

45

37

13

12

43

10) Mr and Mrs Roberts have 4 children. In March, August and November they save £356 pounds to buy Christmas presents for their children. How much money do they have to spend on each child?



Children should demonstrate understanding that they need to either add £356 repeatedly 3 times or complete  $356 \times 3$

= 1068

$$\begin{array}{r}
 0267 \\
 4 \overline{) 1068} \\
 \underline{4} \phantom{00} \\
 6 \phantom{0} \\
 \underline{6} \phantom{0} \\
 0 \phantom{0} \\
 \underline{0} \\
 8 \\
 \underline{8} \\
 0
 \end{array}$$

Then complete  $1068 \div 4 = \text{£ } 267$

£ 267

11) There are 340 children going on a school trip to the zoo. The children need to be put into groups of 7 children in a group with 1 adult. How many adults will be needed on the trip?

$$\begin{array}{r}
 048 \text{ r } 4 \\
 7 \overline{) 340} \\
 \underline{3} \phantom{0} \\
 4 \phantom{0} \\
 \underline{4} \phantom{0} \\
 0
 \end{array}$$

Which means there would be 4 children unaccompanied so one more adult is needed.

49 adults

