

1) Answer these division sums

a) $56 \div 4 = 14$

b) $69 \div 3 = 23$

c) $3200 \div 4 = 800$

d) $720 \div 90 = 8$

e) $6600 \div 11 = 600$

If the child has got these correct but has used a formal written method such as the bus stop method, do not award the child a mark and discuss with the child why mental strategies are more appropriate here. Select mental method tasks for the child if this is the case.

2) Answer these division sums

a) $2400 \div 5 = 480$

b) $1800 \div 4 = 450$

c) $340 \div 4 = 85$

d) $6800 \div 20 = 340$

e) $8000 \div 50 = 160$

If the child has got these correct but has used a formal written method such as the bus stop method, award them a mark however provide the child with opportunities to practice using dividing by 10 to find 5 or 20 and dividing by 100 to find 50 lots. Additionally, look at how halving can be used to find 4 lots efficiently

3) $6856 \div 4 =$

		1	7	1	4					
	4	6	² 8	5	¹ 6		1714			

Look for the use of a formal written method with understanding of what has been done at each stage.

		0	6	8	5				
						685			
	5	3	³ 4	⁴ 2	² 5				

Observe to see that the child understands why they are placing a zero above the three and that this means that there are bot 1000 groups of 5 in 3425.

5) 560 : 3920 ÷ 7

		0	5	6	0				
	7	3	³ 9	⁴ 2	0				

6) Mr and Mrs Roberts have 8 children. They have saved £85 at the start of each month for a year to buy Christmas presents for all the children. How much money do they have to spend on each child?

Look for initial sum of 12×85 (this may be completed using the long multiplication method.)

= 1020 so

$$\begin{array}{r}
 0127.5 \\
 \hline
 8 \overline{) 1020.0} \\
 \underline{8 } \\
 20 \\
 \underline{16 } \\
 40 \\
 \underline{40} \\
 0
 \end{array}$$

The child should be able to work out the remainder as a decimal as the context is using money.

£127.50

7) Work out the following calculations and express the remainders as fractions.

a)									
		0	6	8	r2/5				
	5	3	³ 4	⁴ 2					
						68 r 2/5			
b)									
	1	4	6	5	r				
					2/6				
6	8	² 7	³ 9	³ 2					
						1465 r 1/3 or 2/6			
c)									
		1	7	0	R 2				
	4	6	² 8	2					
						170 r 1/2 or 2/4			

8) 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?

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

49

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

9) $1488 \div 16 =$

		0	0	9	3			16	
								32	
1	6	1	4	8	8			48	
								64	
								80	
								96	
The pupil should demonstrate understanding of the long or short formal division method to divide a larger number by a 2 digit number.								112	
								128	
								144	
								160	
									93

10) Circle all the numbers that are prime numbers

56 41 49 79 2 77 53

11 a) $12 + 3 \times 2 =$ 18

11 b) $20 - 6 \div 2 =$ 17

This question challenges the child's understanding of order of operation. It is likely that they will have the answers 30 and 7. Use the tasks in the activity section to help develop this understanding.

