

## Year 6 Key Objectives for number/assessment sheet

Write these out and complete using column method and calculate

1.  $10.36+9.285=$    2.  $10.36-9.285=$    3.  $12.45+7.717=$    4.  $12.45-7.717=$

5. Double these numbers:

0.46   0.125   0.73   0.99   0.817

6. Half these numbers:

0.46   0.248   0.73   0.99   0.817

5.  $3212 \times 5=$    6.  $4623 \times 6=$    7.  $3427 \times 9=$    8.  $1467 \times 7=$   
9.  $37 \times 12=$    10.  $46 \times 14=$    11.  $132 \times 17=$    12.  $2917 \times 36=$

Use the bus- stop method for these calculations...

13.  $321 \div 3=$    14.  $282 \div 6=$    15.  $2605 \div 5=$    16.  $4779 \div 9=$   
17.  $326 \div 4=$    18.  $724 \div 8=$    19.  $3721 \div 9=$    20.  $6424 \div 7=$

21 Order these numbers smallest first...

4206, 2026, 6204, 4026, 4006

22. Order the numbers largest first...

2091, 9021, 2109, 1209, 8888

23. Order numbers smallest first...

16096, 61960, 91066, 20669, 96162

24. Order numbers largest first...

21.432, 421.32, 4.3212

25. Order numbers smallest first...

17.629, 17.69, 17.92, 17.296

26. Multiplying- Complete the table:

	x 10	x 100	x 1000
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47			
85			
278			
350			
789			
924			
1345			
2789			
4.2			
8.5			
0.7			
31.89			
701			
92.4			
8.13			
2.7			

27.

	Divide by 10	Divide by 100	Divide by 1000	
47				
85				
278				
350				
789				
924				
1345				
2789				
476				
4.2				
8.5				
0.7				
31.89				
701				
92.4				
8.13				
2.7				

28.

Write down the first 10 prime numbers.

29. Is 37 a prime number?

30. Write down 6 composite numbers (none- prime numbers)

31. Write down the prime factors of 36.

32. Write down 10 square numbers using the correct notation.

33. Write down 4 cubed numbers using the correct notation.

34. Write 5 multiples of 12.

35. What are all the factor pairs of 24?

36. What are the common factors of 24 and 45?

37. Write 746 in roman numerals.

38. What is the year MMXIX ?

39.  $\frac{1}{8} + \frac{3}{8} =$        $\frac{2}{7} + \frac{4}{7} =$        $\frac{3}{6} - \frac{1}{6} =$        $\frac{7}{9} - \frac{2}{9} =$

40.  $\frac{1}{8} + \frac{1}{4} =$        $\frac{3}{4} + \frac{1}{8} =$        $\frac{4}{9} - \frac{1}{3} =$        $\frac{7}{10} - \frac{2}{5} =$

41.  $\frac{2}{5} \times 2 =$        $\frac{3}{4} \times 4 =$        $\frac{2}{7} \div 4 =$        $\frac{1}{5} \div 2 =$

42.  $2 \frac{1}{2} \times 4 =$        $3 \frac{1}{3} \times 3 =$        $2 \frac{7}{8} \times 4 =$        $4 \frac{1}{2} \times 6 =$

43. Find  $\frac{1}{10}$  of each of these numbers....

60, 50, 210, 4200, 3280, 988, 7046, 2077, 42.8 , 89.61, 320.4