

Name:

Date:.....

Work through and answer as many of the following questions as you can. Jot down any workings out you may need.

1.	$8234 + 3265 =$	
2.	$3964 \times 7 =$	
3.	$714 \div 6 =$	
4.	In your head, calculate: $15650 - 450 =$	
5.	If $15 + 60 = 75$, use partitioning to write this calculation in a different way.	
6.	Continue the sequence: 30, 20, 10, ____, ____, ____, ____	
7.	Continue this sequence: 34875, 33875, _____, _____	
8.	Write the next two terms: 5, 9, 13, ____, ____	
9.	What is the term to term rule of the sequence? 5, 9, 13	
10.	Write this number in numerals: Seven hundred and sixty three thousand, two hundred and twenty five.	
11.	Write this number in words 978 238	
12.	Write the number 13 in roman numerals.	
13.	What is the number XIV in numerals?	
14.	Which is larger: 35 023 <i>or</i> 350 023	
15.	Which is colder: -5C or 10C?	
16.	Which is larger: 8.6 or 8.63?	

17.	$8234 - 3265 =$	
18.	$3954 \times 32 =$	
19.	$3.7 + 4.8 =$	
20.	$4 + 8 = 10 + ?$	
21.	Round 7678 to the nearest 100.	
22.	Round 3.14 to the nearest whole number.	
23.	What is the value of the 4 in the number 0.04?	
24.	$4 \div 100 =$	
25.	$2.1 \times 100 =$	
26.	$56 \div 10 =$	
27.	Find all of the factors of 8	
28.	List the first four multiples of 9	
29.	Is 19 a prime number? Explain.	
30.	List all of the prime numbers less than 10.	
31.	What is 5^2 ?	
32.	List the first 8 square numbers.	
33.	$6\% = ?/100$	
34.	Write $6/10$ as a decimal.	

35.	Write $\frac{3}{1000}$ as a decimal fraction.	
36.	Write 25% as decimal and a fraction.	
37.	Write 50% as decimal and a fraction.	
38.	Find an equivalent fraction to $\frac{1}{3}$.	
39.	Which fraction is bigger: $\frac{3}{8}$ or $\frac{1}{4}$?	
40.	Circle the fraction that is bigger: $\frac{2}{3}$ $\frac{3}{4}$ $\frac{6}{5}$ $\frac{5}{7}$	
41.	Write $1\frac{1}{4}$ as an improper fraction.	
42.	$\frac{3}{4} + \frac{1}{2} =$	
43.	$5 \times \frac{1}{2} =$	
44.	One ruler costs 30p. How much will 4 rulers cost in pounds?	
45.	Dan has £5. He spends £1.80 on a magazine. He needs £1.40 for the bus home. Can he afford to buy a sandwich costing £1.96?	
46.	Sam buys two bottles of water at £1.20 each and pays with a £5 note. How much change will he get?	
47.	I have 2m of wood and cut off 0.6m then another 0.75m. How much do I have left?	
48.	What fraction of £1 is 20p?	
49.	Explain how we can check our answer to $5 \times 6 = 30$ using the inverse.	
50.	I am thinking of a 2-digit number. It is a square number and a multiple of 12. What is my number?	

Answers

1.	$8234 + 3265 =$	11499
2.	$3964 \times 7 =$	27748
3.	$714 \div 6 =$	119
4.	In your head, calculate: $15650 - 450 =$	15200
5.	If $15 + 60 = 75$, use partitioning to write this calculation in a different way.	$10 + 65 = 75$ or $10 + 60 + 5 = 75$
6.	Continue the sequence: 30, 20, 10, ____, ____, ____, ____	0, -10, -20, -30
7.	Continue this sequence: 34875, 33875, _____, _____	32,875, 31,875
8.	Write the next two terms: 5, 9, 13, ____, ____	17, 21
9.	What is the term to term rule of the sequence? 5, 9, 13	$n + 4$
10.	Write this number in numerals: Seven hundred and sixty three thousand, two hundred and twenty five.	763225
11.	Write this number in words 978,238	Nine hundred and seventy-eight thousand, two hundred and thirty-eight
12.	Write the number 13 in roman numerals.	13
13.	What is the number XIV in numerals?	14
14.	Which is larger: 35023 or 350023	350023
15.	Which is colder: -5°C or 10°C ?	-5°C
16.	Which is larger: 8.6 or 8.63?	8.63
17.	$8234 - 3256 =$	4978
18.	$3954 \times 32 =$	126 528
19.	$3.7 + 4.8 =$	8.5
20.	$4 + 8 = 10 + ?$	2
21.	Round 7678 to the nearest 100.	7678 \rightarrow 7700
22.	Round 3.14 to the nearest whole number.	3.14 \rightarrow 3
23.	What is the value of the 4 in the number 0.04?	4 hundredths
24.	$4 \div 100 =$	0.04

25.	$2.1 \times 100 =$	210
26.	$56 \div 10 =$	5.6
27.	Find all of the factors of 8	The factors of 8 are 1, 2, 4 and 8.
28.	List the first four multiples of 9	9, 18, 27, 36
29.	Is 19 a prime number? Explain.	Yes, because it can only be divided by 1 and itself.
30.	List all of the prime numbers less than 10.	2, 3, 5, 7
31.	What is 5^2 ?	25
32.	List the first 8 square numbers.	4, 9, 16, 25, 36, 49, 64, 81
33.	$6\% = ?/100$	6/100
34.	Write $6/10$ as a decimal.	0.6
35.	Write $3/1000$ as a decimal fraction.	0.003
36.	Write 25% as decimal and a fraction.	0.25, $25/100$ or $1/4$
37.	Write 50% as decimal and a fraction.	0.5, $50/100$ or $1/2$
38.	Find an equivalent fraction to $1/3$.	$1/3 > 2/6, 3/9, 4/12, \text{etc.}$
39.	Which fraction is bigger: $3/8$ or $1/4$?	$3/8$
40.	Circle the fraction that is bigger: $2/3$ $3/4$ $6/5$ $5/7$	$6/5$
41.	Write $1\frac{1}{4}$ as an improper fraction.	$5/4$
42.	$3/4 + 1/2 =$	$3/4 + 1/2 = 5/4$ or $1\frac{1}{4}$
43.	$5 \times 1/2 =$	$5/2$ or $2\frac{1}{2}$
44.	One ruler costs 30p. How much will 4 rulers cost in pounds?	£1.20
45.	Dan has £5. He spends £1.80 on a magazine. He needs £1.40 for the bus home. Can he afford to buy a sandwich costing £1.96?	No, as he only has £1.80 left.
46.	Sam buys two bottles of water at £1.20 each and pays with a £5 note. How much change will he get?	£2.60
47.	I have 2m of wood and cut off 0.6m then another 0.75m. How much do I have left?	0.65
48.	What fraction of £1 is 20p?	$1/5$
49.	Explain how we can check our answer to $5 \times 6 = 30$ using the inverse.	$30 \div 6 = 5$ or $30 \div 5 = 6$
50.	I am thinking of a 2-digit number. It is a square number and a multiple of 12. What is my number?	36