WORK SHEET

V Mathematics SA1-Year 2014-2015

Unit 2- Addition and Subtraction

[I] Fill in the blanks

1) When zero is added to any number the sum is _____.

2) The sum of 2 numbers remains _____ even if the order of the numbers is changed.

3) 12516 + 0 = _____.

4) 134 + 5029 = _____.

5) When 1 is added to a number, we get the _____ of the number.

6) The successor of 25428 is _____.

7) When 1 is subtracted from a number we get the _____ of the number.

8) The predecessor of 394820 is _____.

9) When we subtract a number from the same number, the result is _____.

10) 302645 - 302645 = _____.

[II] Do The Following

1) Arrange in columns and solve

{ a } 3904765 + 852746 + 42056

{ b } 2804732 + 46829

{ c } 8032641 – 6245027

{ d } 7039846 – 2563404

2) Add the following

1234567	2503627
+ 7654321	+ 6784594
_____	_____

8740952	3920618
2568234	5207984
+ 439758	+ 4183627
_____	_____

[III]Subtract The Following

9046832	8347529
- 7452396	- 212407
_____	_____

[IV]Choose the Correct Answer

1) The predecessor of 704298 is _____.

{704297, 704299, 704298}

2) The successor of 526300 is _____.

{526299, 526300, 526301}

3) 296389 + 1 = _____.

{1, 296390, 2963891}

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4) 854263 – 0 = _____.

{854263, 0, 8542630}

5) 3628435 + 0 = _____.

{36284360, 4628436, 3628436}

6) 750603 – 750603 = _____.

{750603, 0, 1 }

Unit 3-Multiplication

[I]Fill In the Blanks

1) The product of any number and 1 is _____.

2) The product of any number and 0 is _____.

3) The product of any number and an even number is _____.

4) The product of 2 odd numbers is always _____.

5) The number that is multiplied is called the _____.

6) The number by which we multiply is called the _____.

7) The answer in multiplication is called _____.

8) 62453 x 1 = _____.

9) 0 x 23460 = _____.

10) 7406 x 318 = _____.

11) The product of the largest three digit number and the smallest three digit number is _____.

12) 400 x 70 = _____.

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13) 100 x 519 = _____.

14) 80 x 900 = _____.

15) The product of two numbers does not change even if the _____ changes.

[II] Find the Following Products

769	543	8649
X 468	x 706	x 863
_____	_____	_____
_____	_____	_____

9065	4368	7096
X 397	x 579	x 925
_____	_____	_____
_____	_____	_____

[III] Do The Following

1) A notebook contains 180 pages. How many pages are the in 225 such books?

2) 2250 bags of sugar were stored in a godown. If each bag contains 25 kg of sugar. Calculate the weight of sugar stored in the godown.

3) There are 2050 students in a school. If each student pays Rs 750 as tuition fee in a month. How much money is collected in a month?

[IV] Choose the Correct

1) The product of any number and an even number is _____.

{ even, odd, same number}

2) The product of two odd numbers is always _____.

{ odd, even, same number}

3) 604259 x 0 = _____.

{0, 604259, 6042590 }

4) 1 x 764932 = _____.

{764932, 1, 1764932 }

5) 20 x 300 = _____.

{6000, 600, 2300 }

6) 80 x 80 = _____.

{160, 6400, 1600 }

7) 90 x _____ = 3600

{40, 400, 4 }

Unit 5- Factors and Multiples

[I] Fill In the Blanks

1) A number that has only two factors are called _____ number.

2) The factors of a prime number _____ and the number itself.

3) A number that has more than two factors is called _____ number.

4) _____ has only one factor.

5) _____ is neither prime nor composite.

6) The smallest prime number is _____.

7) The smallest composite number is _____.

8) _____ is the only even prime number.

9) All the prime numbers except 2 are _____.

10) Writing a number as a product of its prime factors is known as _____.

11) A number is divisible by 2, if the number is _____.

12) A number is divisible by 2, if its one's digit is _____, _____, _____, _____, or 8.

13) A number is divisible by 5, if its one's digit is _____ or 5.

14) A number is divisible by 10, if the one's digit is _____.

15) A number is divisible by 3, if the _____ of the digits of the number is divisible by 3.

16) A number is divisible by _____, if the sum of the digits of the number is divisible by 9.

[II] Do The Following

1) List the prime numbers between 1 and 50.

2) List the composite numbers between 10 and 55.

3) Circle the prime numbers from the following numbers

5, 13, 20, 23, 25, 30, 68, 73, 83, 89, 95, 99

4) Underline the composite numbers from the following numbers

3, 9, 18, 22, 27, 33, 47, 53, 61, 74, 84, 95

5) Find the prime factorization of the following numbers by the division method

25, 36, 40, 55, 60, 76, 82, 95

6) Test each of the following numbers for divisibility

{1} by 3

{2} by 5

{3} by 9

4015	2745	30410	65232
10624	42942	18400	27063

7) Which of the following numbers are divisible

{1} by 2

{2} by 10

71035	68290	27451	90278
21030	46130	72614	68510

[III]Choose the Correct Answer

1) 3 x 2 x 5 is the prime factorization of

{30, 325, 35}

2) The prime factorization of 26 is

{ 2x2x3x3, 2x2x3, 2x3x3}

3) 365 is divisible by _____

{2, 5, 10}

4) 47 is a _____ number

{ prime, composite, even}

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5) _____ is neither prime nor composite

{1, 2, 4}

6) _____ is the greatest 2 digit prime number

{97, 99, 89}

7) The prime number just less than 35 is _____

{33, 31, 34}

8) The prime number just greater than 70 is _____

{71, 73, 76}

Unit 6-HCF and LCM

[I] Fill in the Blanks

1) The largest number that is a factor of 2 or more given numbers is known as their _____.

2) If a number is a factor of 2 given numbers it will be a factor of their _____ as well as their difference.

3) The HCF of 1 and 5 is _____.

4) The HCF of 2 and 4 is _____.

5) Every number is a multiple of _____.

6) Every number is a multiple of _____.

7) Every multiple of a number is _____ or equal to the number.

8) The smallest of the common multiple of 2 or more numbers is called _____.

9) LCM of 1 and 7 is _____.

10) LCM of 2 and 6 is _____.

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[II] Find the HCF of the following numbers by division method

{1}35, 50 {2}40, 48, 56{3}32, 64, 80

{4}44, 55, 77{5}68, 76, 84{6}48, 64, 72

[III] Find the LCM of the following numbers by division method

{1} 77, 84 {2} 60, 70, 80 {3} 25, 35, 50

{4} 36, 48, 72 {5} 28, 56, 96