

BINARY NUMBERS PART 2 Work Sheet: 04-P-11-WS



Questions: (* questions can be used for evaluation)

1. Can you write the decimal number?

Third Bundle: 2x2x2. Value = 8	Second Bundle: 2x2. Value = 4	First Bundle: 1x2. Value = 2	Units Place. Value = 1	Decimal Number (Add values of ON bits)
1	1	1	1	

2. Can you write the decimal number?

Third Bundle:	Second	First Bundle:	Units Place.	Decimal Number
2x2x2. Value	Bundle: 2x2.	1x2.	Value = 1	(Add values of
= 8	Value = 4	Value = 2		ON bits)
1	1	0	0	

3. Can you write the decimal number?

Fourth	Third	Second	First	Units Place.	Decimal
Bundle:	Bundle:	Bundle: 2x2.	Bundle:	Value = 1	Number (Add
2x2x2x2.	2x2x2.	Value = 4	1x2.		values of ON
Value =	Value = 8		Value = 2		bits)
16					
1	0	1	0	1	

4. Can you write the decimal number?

Fourth	Third	Second	First	Units Place.	Decimal
Bundle:	Bundle:	Bundle:	Bundle:	Value = 1	Number (Add
2x2x2x2.	2x2x2.	2x2.	1x2.		values of ON
Value = 16	Value = 8	Value = 4	Value = 2		bits)
0	1	0	1	1	

Name: Class: Div: Roll. No:



BINARY NUMBERS PART 2 Work Sheet: 04-P-11-WS



5. Can you write the binary number for 53 using the Divide by 2 Method?

	Quotient	Remainder
53 ÷ 2		
Binary:		

6. Can you write the binary number for 100 using the Divide by 2 Method?

	Quotient	Remainder
100 ÷ 2		
Binary:		

7. Can you write the binary number for 255 using the Divide by 2 Method?

	Quotient	Remainder
255 ÷ 2		
Binary:		

Name: Class: Div: Roll. No:



BINARY NUMBERS PART 2 Work Sheet: 04-P-11-WS



8. Can you write the binary number for 32 using the Divide by 2 Method?

	Quotient	Remainder
32 ÷ 2		
Binary:		

9. Can you write the binary number for 127 using the Divide by 2 Method?

	Quotient	Remainder
127 ÷ 2		
Binary:		

10. Can you write the binary number for 25 using the Divide by 2 Method?

	Quotient	Remainder
25 ÷ 2		
Binary:		

Name: Class: Div: Roll. No: