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Análise de Números (Antônio) Cálculos      20/09/21

6. 00111101 = 61 = opção B

					$2^0 = 1$	32
					$2^1 = 0$	16
					$2^2 = 4$	+ 8
					$2^3 = 8$	4
					$2^4 = 16$	1
					$2^5 = 32$	61
					$2^6 = 0$	
					$2^7 = 0$	

7. 01110101 = 101 = opção E

					$2^0 = 1$	64
					$2^1 = 0$	
					$2^2 = 4$	+ 32
					$2^3 = 0$	4
					$2^4 = 0$	1
					$2^5 = 32$	101
					$2^6 = 64$	
					$2^7 = 0$	

8. 01111011 = 123 = opção C

					$2^0 = 1$	64
					$2^1 = 2$	32
					$2^2 = 0$	16
					$2^3 = 8$	+ 8
					$2^4 = 16$	2
					$2^5 = 32$	1
					$2^6 = 64$	123
					$2^7 = 0$	

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20/09/21

9, 1110 1010 = 234 = opção A

1	1	1	0	1	0	1	0	$2^0 = 0$	
1	1	1	0	1	0	1	0	$2^1 = 2$	$128$
1	1	1	0	1	0	1	0	$2^2 = 0$	$64$
1	1	1	0	1	0	1	0	$2^3 = 8$	$32$
1	1	1	0	1	0	1	0	$2^4 = 0$	$+$ $8$
1	1	1	0	1	0	1	0	$2^5 = 32$	$2$
1	1	1	0	1	0	1	0	$2^6 = 64$	$234$
1	1	1	0	1	0	1	0	$2^7 = 128$	

10, 1101 1110 = 222 = opção D

1	1	0	1	1	1	1	0	$2^0 = 0$	
1	1	0	1	1	1	1	0	$2^1 = 2$	$128$
1	1	0	1	1	1	1	0	$2^2 = 4$	$64$
1	1	0	1	1	1	1	0	$2^3 = 8$	$16$
1	1	0	1	1	1	1	0	$2^4 = 16$	$8$
1	1	0	1	1	1	1	0	$2^5 = 0$	$+$ $4$
1	1	0	1	1	1	1	0	$2^6 = 64$	$2$
1	1	0	1	1	1	1	0	$2^7 = 128$	$222$

11, 247 = F7 = opção B

$2^4 = 16$   
 $8 + 15 = F$   
 $7$

12, 291 = 123 = opção A

$2^9 = 116$   
 $131 = 18 + 116$   
 $3, 2, 1$

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20/09/23

13)  $393 = C3 = \text{Opção E}$

$$393 \div 116$$

$$33 \quad 12 = C_{//}$$

//

14)  $237 = ED = \text{Opção B}$

$$237 \div 116$$

$$77 \quad 14_{//} - E$$

$$13_{//} - D$$

15)  $171 = AB = \text{Opção C}$

$$171 \div 116$$

$$11_{//} \quad 10 - A$$

B

16)  $9 \quad A = 154 = \text{Opção D}$

$$16' = 16 \times 10 = 160$$

$$16' = 16 \times 9 = 144$$

$$+ 144$$

$$154_{//}$$

17)  $C \quad A = 202 = \text{Opção C}$

$$16' = 16 \times 10 = 160$$

$$16' = 16 \times 12 = 192 \quad + = 202_{//}$$

18)  $E \quad 5 = 229 = \text{Opção A}$

$$16' = 16 \times 5 = 80$$

$$16' = 16 \times 14 = 224 \quad + = 229_{//}$$

Problema H Eliminada

20/09/21

19.  $FA = 250 = \text{Opção B}$

$| \quad JG = 1 \times 30 = 30$

$JG' = 36 \times 35 = 240 \quad + = 250 //$

20.  $7 F = 127 = \text{Opção D}$

$| \quad JG = 1 \times 15 = 15$

$JG' = 36 \times 7 = 112 \quad + = 127 //$