	goube ?	3		
	A	1= 2°		$2^{-2} \cdot 2^3 = 2$
	Ĵ.	2 = 21	ĄĮ.	$\frac{2^{2}}{2^{3}} = 2^{-4}$
	3.	512 = 29	43.	log. (8) = 3
	₹.	0,5 = 2-1	14.	log 2 (4) + log 2 (16) - log 2 (64) = 6
	5.	0,25 = 2 -7-	15	log, (4) + log, (0,0625) = log, (1) = 0
	6.	0 = log ₂ (1)	16.	logz (8) - logz (0,125) = logz (64) - 6
		4 = log ₂ (2)	47.	log; (8+) = 7 · log; (8) = 7 · 3 = 21
	8.	$10 = \log_2(1024)$	48.	
	S.	$-3 = \log_{2}(0.125)$	45.	logz (2 1624) = 1024 · logz (2) = 1024
	₹0 .			
(b)				
	<i>A</i> .	A= {x -50=x=400,x=Z}	44.	ja
	2.	B = {x -1 < x < 1, x < R}	ĄĮ.	nein
	3.	C = { \(\rm \chi \) \(\rm \chi \) \(\rm \chi \)	13.	0,1
	ų .	D= {ax 0 < a < 8, a < m, x < Z}	14.	
	5.		45	1,2,3,4,5,6,8,10
	6.	nein	A6.	2 4
	7.	ja	47.	1,3,5
	€.	ja	48	3
	g.		43	4
		ja :	431	7
	₹ 0.	ja		

Autgabe 10					
B = 10	B=2	B = 8	B = 16	B=3	B=5
$(79)_{10}$	1001111	117	4F	2221	304
210	$(11010010)_2$	3 2 2	D 2	21210	1320
23	10111	$(27)_8$	17	212	43
0,25	0101	0,2	$(0.4)_{16}$	0,02	0,7
$\frac{1}{3} = 0,33$	0,01	0,25	0,5	$(0.1)_3$	0,13
2 = 0,4	0,0110	0,3146	0,6	0,1012	(0.2) ₅
Autgabe 11)					
1. A A A	1 1 0 0 2 1 1 0 1 2	-	A 0 B 1 . 5 5 E E .		
4 0 0	010012		F 6,A F		
Z.	54.5.				
+	545. 475.				
	6 1 4 5				
b)					
1.	A 3 6 A	3.	7 A A 5 .		
-	A 3 6 1	-	7 1, 1 5 2 6 5 2 1 3		
	1 1 1		1 4 4		
	9 F A D		4 t t		
1. 10	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
- 78	1 /1 /1 O 1 2				

1. $(702)_8 \cdot 8^3 = (702000)_8 \quad 3. (1101)_2 \cdot 12^2 = 11.01$ 2. $(0,A007)_{16} \cdot 16^2 = (A0,07)_{15}$ 4. $(15,03)_8 \cdot 18^9 = 6,004503$ Autgabe 12 a) 1. (ACNOO, ODA) = (A,ONOCODA) 16 · 16 -4 2. (0,000/17)8 = (1/17)8. 87 3. (1001,001); - (1,001001) · 2° 4. (0,100001); = (1,00001); · 2

1. 3,4, & + 7,7, 8² = 314g.8+77g.8 = 80,4, 8= 8,04 · 82 2.0,011,2+1,11,2=1,1212.21 C) 1. 19 D11. 16-1 - A1/1/16-1 400,0.10-1-161,0.10-1 239·10-1 = EF 16·161 101;2-7-11,-7-1

$$\frac{1}{12} \frac{1^{-2}}{1100} \cdot (1100_{2} \cdot 2^{-2})$$

$$\frac{1100_{2}}{2^{-4}} = 0.1100_{2}$$

$$\frac{400_{8}}{8^{-3}} \cdot 21_{8} \cdot 8^{-3}$$

$$= 400_{8} \cdot 20_{8} \cdot 8^{-6}$$

$$+ 400_{8} \cdot 18 \cdot 2^{-6}$$

$$= 2048_{10} \cdot 128_{10} \cdot 10^{-6}$$

$$+ 2048_{10} \cdot 10^{-6}$$

$$+ 2048_{10} \cdot 10^{-6}$$

$$= 264192_{10}0^{-6}$$

$$= 100400_{10} \cdot 16^{-6}$$

$$\frac{3 - \frac{\text{CONNE}^{3}}{400000 \text{ No}}}{\frac{200000 \text{ No}}{400000 \text{ No}}} = \frac{192 \text{ No}}{262144_{10}}$$

$$= 73242187,010^{11}$$

$$= 4509648.16^{11}$$

$$\frac{41. \cdot 110^{2} - 610}{11_{2} - 310} = 210 = 10_{2}$$