Augabe 9:

(42) 10 => B=2

42: 2 = 21 R=0 21: 2 = 16 R=1

10:2=5 R=0

5:7=2 R=1

Z: Z = 1 R=0

1:2=0 R=1

=> (101010)2

(42),0=> B=8

42:8=5 R=Z

5:8=0 R=5

=7 (52)8

(4Z) 10=16=16

42:16=2 R=10

2:16=0 R=Z

=> (2A) no

(42) 10=> B=3

42:3=14 R=6

14:3=4 R=2

4:3=1 R=1

1:3=0 R=1

=> (M20)3

(4Z)n=> 13=5

42:5=8 R=Z

8:5=1 R=3

1:5=0 R=1

=>(132)5

(10101000) => B=10 1.2+0.2+1.25+0.24+4.23+0.2+0.2+0.2=

(168) no => B = 8

168:8=21 R=6

71:8=7 R=5

2:8=0 R=2

=)(Z50)8

(168) is=> B=5

168:5=33 R-3

33:5=6 R=3

6:5= 1 R=1

1:5=0 R=1

=> (1133)5

(168)<sub>10=>18=16</sub>

168:16=10 R=8

10:16=0 R=10

=> (A8) ~c

(168) 10=> B=3

168:3=56 REO

56:3=18 12=2

18:3=6 R=0

6:3=2 R=0

2:3=0 R=Z

= (2002a)<sub>3</sub>

$$(25)_{8} \Rightarrow 8 \cdot 70 \qquad (20)_{10} \Rightarrow 8 \cdot 2 \qquad (21)_{10} \Rightarrow 8 \cdot 16$$

$$28^{1} + 5 \cdot 8^{2} = 24 \qquad 10 \cdot 12 = 5 \qquad Re0 \qquad 1 \cdot 16 = 0 \quad Re-1$$

$$\Rightarrow (21)_{10} \qquad 5 \cdot 12 = 7 \quad Re0 \qquad 1 \cdot 16 = 0 \quad Re-1$$

$$\Rightarrow (21)_{10} \qquad 5 \cdot 12 = 7 \quad Re0 \qquad 1 \cdot 16 = 0 \quad Re-1$$

$$\Rightarrow (21)_{10} \Rightarrow 12 = 0 \quad Re-1 \qquad \Rightarrow (45)_{10} \Rightarrow 12 = 3$$

$$(21)_{10} \Rightarrow 12 = 0 \quad Re-1 \qquad 21 \cdot 3 = 7 \quad Re0$$

$$7 \cdot 3 = 7 \quad Re0 \qquad 7 \cdot 3 = 7 \quad Re0$$

$$21 \cdot 5 = 4 \quad Re0 \qquad 7 \cdot 3 = 0 \quad Re-7$$

$$\Rightarrow (41)_{5} \qquad 7 \cdot 3 = 0 \quad Re-7$$

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$$\Rightarrow (6.625)_{10} \Rightarrow 12 = 0 \quad (6.625)_{10} \Rightarrow 13 = 7 \quad (6.625)_{10} \Rightarrow 13 = 8$$

$$0.60^{5} + 10.16^{-1} = 0.675 \qquad 0.615 \cdot 7 = 1.75 \qquad 0.625 \cdot 8 = 5$$

$$\Rightarrow (6.625)_{10} \Rightarrow 13 = 3 \quad (6.625)_{10} \Rightarrow 13 = 5 \qquad 0.625 \cdot 8 = 5$$

$$0.625 \cdot 3 = 1.77 \qquad 0.625 \cdot 5 = 3.725$$

$$0.625 \cdot 3 = 1.77 \qquad 0.625 \cdot 5 = 3.726$$

$$\Rightarrow (6.72)_{10} \Rightarrow 12 = 17 \qquad 0.72 \cdot 8 = 1.77$$

$$0.73 \cdot 7 = 0.73 \qquad 0.73 \cdot 8 = 1.77$$

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$$0.73 \cdot 7 = 0.73 \qquad 0.73 \cdot 16 = 1.73$$

$$0.73 \cdot 7 = 0.73 \qquad 0.73 \cdot 16 = 1.73$$

$$0.73$$

0,4.5=2,2

$$(0.3)_{5} = 78 = 10$$

$$(0.6)_{10} = 78 = 2$$

$$(0.6)_{10} = 78 = 2$$

$$0.6 \cdot 8 = 4.8$$

$$0.72 \cdot 7 = 0.9$$

$$0.4 \cdot 8 = 3.7$$

$$0.8 \cdot 8 = 4.6$$

$$0.96 \cdot 2 = 1.6$$

$$(0.6)_{10} = 3$$
 B=16  $(0.6)_{10} = 3$  B=3  
 $0.6 \cdot 16 = 9.6$   $0.6 \cdot 3 = 1.8$   
 $0.6 \cdot 16 = 9.6$   $0.8 \cdot 3 = 7.4$   
 $0.99)_{16}$   $0.99)_{16}$   $0.99 \cdot 3 = 1.7$   
 $0.72 \cdot 3 = 0.6$   
 $0.72 \cdot 3 = 0.6$ 

B	= 10	13=2	B=8	B=16	B=3	13=5
((	12)40	(101010)2	(52) 8	(ZA)46	(1120)3	(132)5
(1	.68)10	s(0000000)2	(250)8	(48) ye	(2000)5	(1133)5
(7	21)10	(10461)2	$(75)_{8}$	(15)no	(2-10)3	(41)5
(0.	675)no	(0.101)2	(0.5)8	(O.A),6	(0.72)3	2(0.50)5
(0.	2)40	(0.00M10)z	(0.76)8	(0.38E),	(0.02)3	(0.402342)5
(0.	() <sub>10</sub>	(0.1001)2	(0.463-1)	(0.9) <sub>16</sub>	(0.72.10),	(0.3)5

Augabe 10

a)
$$1. (32.5)_{8} + (4.73)_{8} = 4,73$$

$$= \frac{4,73}{3743} = (37.43)_{8}$$

$$\frac{7. (11101)_{2} + (101111)_{2}}{111101} = \frac{11101}{(1001100)_{2}}$$

3. 
$$(AFC.D)_{16} + (A13.4)_{16} =$$

$$= \frac{AFC.D}{+A13.4} = (C10.1)_{16}$$

$$= \frac{A13.4}{C10.1}$$