1. 1.1. 140 = E16

e.A. 1 4/16 E <

1.3, 428 = 2216

C. A. 48 = 1002 28 = 01021000102 = 2216

1.S. 11012 = Die

C. A.

 $\frac{1}{3} \frac{1}{2} \frac{0}{10} = \frac{1}{3} \frac{3}{10} = \frac{9}{16}$

1.7. 234 = 316

C. A. 24= 102 34=112

10112 = 1110 = B16

C.A. 38 = 0.112 68 = 1.102

1.2. 2 1310 = DS16

C. A. 2 ! 3 ! 16 P. 5 13 ! 16 P. 0

1.4. 6 78 = 3716

C.A. 68 = 110278 = 1112

1.6. 110010z = 3216

C. A.

1.8. 23 14 = 2D16

C. A. 24 = 102 34 = 112 14 = 012

1011012=2716

2.2. 31s = 110012

C. A.
38 = 0 1 1
18 = 0 0 1

C. A.

$$\frac{4}{16} = 0 \cdot \frac{1}{1} \cdot 0 \cdot 0 \cdot 2$$

 $\frac{1}{16} = 0 \cdot \frac{1}{1} \cdot \frac{1}{1} \cdot \frac{1}{2} \cdot 2$

$$2.6.$$
 $3.49 = 1.1012$

Base 2	Bese 8	Base 10	Base 16
11110	36	30	1 E
100101	45	37	2.5
101001	S <u>1</u>	41	29

$$\frac{4}{3} = \frac{4}{50} = \frac{15}{50} = \frac{16}{30} = \frac{16}{3$$

4. S.
$$\frac{1}{1} \frac{1}{1} \frac{1}{0} \frac{1}{0} \frac{1}{0} = \frac{1}{1} \frac{1}{0} \frac{1}{1} \frac{1}{0} = \frac{1}{1} \frac{1}{0} \frac{1}{1} \frac{1}{0} = \frac{1}{1} \frac{1}{0} \frac{1}{1} = \frac{1}$$

-10 8 F

4.10 1438 - 7S8 = 468

4.12 1234 + 3304 = 1 1 1 34

(3