1) a) 1.p. -2002  

$$X = 2002 (10 \text{ Cc})$$

$$X = 1 \cdot 2^{10} + 1 \cdot 2^{9} + 1 \cdot 2^{8} + 1 \cdot 2^{7} + 1 \cdot 2^{6} + 1 \cdot 2^{4} + 1 \cdot 2^{4} = 1111010010$$

$$\frac{X}{2} = 1 \cdot 2^{9} + 1 \cdot 2^{8} + 1 \cdot 2^{7} + 1 \cdot 2^{6} + 1 \cdot 2^{5} + 1 \cdot 2^{3} + 1 \cdot 2^{6} = 1111101001$$

$$(2cc)$$

$$\frac{X}{2} = 1 \cdot 2^{9} + 1 \cdot 2^{8} + 1 \cdot 2^{7} + 1 \cdot 2^{6} + 1 \cdot 2^{5} + 1 \cdot 2^{3} + 1 \cdot 2^{6} = 1111101001$$

$$(2cc)$$

Kog Spea-10000111011

 $X_2 = |1111010010_2 = 2002_{10}$ 

$$X = 327_{10} = 101000111_2$$
  
 $\frac{X}{2} = RB_{10}10100011_{2}$ 

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  $(4)$   $(4)$   $(4)$   $(4)$   $(4)$   $(4)$   $(4)$   $(4)$   $(5)$   $(5)$   $(5)$   $(6)$   $(7)$ 

Kog Tpea-1000 S) 1000 → X2