-1011010 -10101	<u>- 10101</u> - 1011010	-1011010 -1011010	omplemen	1010001010 1010 1010 00000 00000 11010 11010 (a)		-101 -101 -010	-101 -101 -101	-101 -1001101
0111010 +0100101 0010101	1011010 +1101010 11000100 + 1 1000101 =(0111011 01100110 0010101	2's complement 1011010 1010111 11000101 = 1000101		101<101 <remainder <quotient< td=""><td>010<101</td><td>101⁷101</td><td>110>101</td></quotient<></remainder 	010<101	101 ⁷ 101	110>101
=-(1000101)	=(1000101)	=-(1000101)	lent		96 = 1	94 = 0 95 = 0	92=0;do not subtract 93=1	q1=1;subtract

	1.15 (a)	(e)	(a)	(6)	(b)	1.14 (a)		(b)		1.13 (a)	
	7256 <u>x 23</u> 26012 < 16534 < 213352	46 -77	96 -22	43 +26	87 -113	113 -87	924 -1875	ten's complement 1875 -924	924 -1875	nine's compl 1875 <u>-924</u>	
6x2= 14 5x2= 12 2x2= 4 7x2= 16 16534 <p2< td=""><td>Scratch pad octal 6x3= 22 <p1 5x3="17<br"><p2 2x3="6</td"><td>$\begin{array}{ccc} 0 & 0101110 \\ +1 & 0110011 \\ 1 & 11000001 & =-(0011111)_2 \end{array}$</td><td>0,1100000 +1 1101010 10 1001010 =+(1001010)₂</td><td>0 0101011 +0 0011010 0 1000101 =+(1000101)2</td><td>0 1010111 +1 0001111 1 1100110 =-(0011010)₂</td><td>0 1110001 +1 0101001 10 0011010 =+(0011010)2</td><td>$\begin{array}{c} 0924 \\ +8125 \\ 9049 = -(951) \end{array}$</td><td>10's complement 1875 +9076 10951 =951</td><td>$\begin{array}{r} 0924 \\ +8124 \\ 9048 = -(951) \end{array}$</td><td>complement 9's complement 1875 +9075 10950 + 1 0951 =951</td><td></td></p2></p1></td></p2<>	Scratch pad octal 6x3= 22 <p1 5x3="17<br"><p2 2x3="6</td"><td>$\begin{array}{ccc} 0 & 0101110 \\ +1 & 0110011 \\ 1 & 11000001 & =-(0011111)_2 \end{array}$</td><td>0,1100000 +1 1101010 10 1001010 =+(1001010)₂</td><td>0 0101011 +0 0011010 0 1000101 =+(1000101)2</td><td>0 1010111 +1 0001111 1 1100110 =-(0011010)₂</td><td>0 1110001 +1 0101001 10 0011010 =+(0011010)2</td><td>$\begin{array}{c} 0924 \\ +8125 \\ 9049 = -(951) \end{array}$</td><td>10's complement 1875 +9076 10951 =951</td><td>$\begin{array}{r} 0924 \\ +8124 \\ 9048 = -(951) \end{array}$</td><td>complement 9's complement 1875 +9075 10950 + 1 0951 =951</td><td></td></p2></p1>	$\begin{array}{ccc} 0 & 0101110 \\ +1 & 0110011 \\ 1 & 11000001 & =-(0011111)_2 \end{array}$	0,1100000 +1 1101010 10 1001010 =+(1001010) ₂	0 0101011 +0 0011010 0 1000101 =+(1000101)2	0 1010111 +1 0001111 1 1100110 =-(0011010) ₂	0 1110001 +1 0101001 10 0011010 =+(0011010)2	$\begin{array}{c} 0924 \\ +8125 \\ 9049 = -(951) \end{array}$	10's complement 1875 +9076 10951 =951	$\begin{array}{r} 0924 \\ +8124 \\ 9048 = -(951) \end{array}$	complement 9's complement 1875 +9075 10950 + 1 0951 =951	