

a. 100 & 20									
100	=	0	1	1	0	0	1	0	0
20	=	0	0	0	1	0	1	0	0
		AND (&)							
Binary result	=	0	0	0	0	0	1	0	0
Decimal result	=	4							

100	=	0	1	1	0	0	1	0	0
20	=	0	0	0	1	0	1	0	0
		AND (&)							
Binary result	=	0	0	0	0	0	1	0	0
Decimal result	=	4							

528	=	1	0	0	0	0	1	0	0	0	0
70	=	0	0	0	1	0	0	0	1	1	0
		OR ( )									
Binary result	=	1	0	0	1	0	1	0	1	1	0
Decimal result	=	598									

256	=	1	0	0	0	0	0	0	0	0	0
		Right Shift (>>) 3									
Binary result	=	0	0	0	1	0	0	0	0	0	0
Decimal result	=	32									

[illegible]

[illegible][illegible]