Date. Month. Year. شرات سی کارم درس مراحی مراهای سفدی a) (x+x))(xy+2) = 5 (xy)+(x+x) = b) (A+BE) (Ā+DE) (B+c))+(A.(O+E)) c) (A+B)(A+ AB) (A+B+ABC)+ (A+B) (A+C) = = AB+(A.(A+B)) + (AB.(AB+E)) . (A+B)(AE) F(A,B) - A (AB) . B . (AB) - B (A1B) + B (A1B) + (Â+B)(A+B) \Rightarrow AĀ+ĀB+AB+BB = (ABAAB) = AAB Ca(x, A, B, c) = x + x ABC + BC = (x+x) (x+ABC) > Z + ABC +BC H(A)B,C,D)=ABC+ABCO+ABD+ABED A(L+cD)+B(Ac+1)+D= A+B+D PAPCO PAPCO

	Ems 2 ms + xix + x	
-) <u>-</u> (A.B.C.D): AB(0+0)+B(A+ACO)	Ġ1
Ā	00+AB+AB+AB+OO	
Ā	B(D+ED+CD)+AB=AB(D+D)+AB=	
),	المرام (کرم کرد) ماسور دری و ترور پیمند ا	
જોંછ	B(A+A)=B	
Kζ	A, B, C, O) = AB C + (AB, CO, H (B + O)) = ABC + (BO (A)	24T)
	ABC + B+D = B(ACA) +D = B+D in	

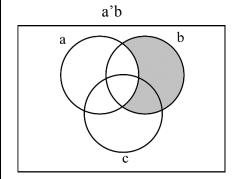
```
a) (k+m+n)(k+m) (L+m+n)(k+L+m)(n+n) (3
 (A) (A+L): A+AL = A(L+1): A (
Q (K' + (n'+n)(n)) (L+n'+n') (n+n)
(K'+mn)(Lm+Ln+m'n+mn')=k'Lm+k'Ln+ K'n'n+ K'mn'
+ Lmv + Lmv + mya'v + mymv = k'Lm+k'L N+k'n'0+k'n0+lmv
) b)(k'+L'+m)(k+n+n')(k+L)(k'+n)(k'+n+n)
) (m+(k+n')(k'+n))=m+kn+k'n'0
 (K'+N)(M+1) = K'+N (3)
- (K'+L'+M')(K+L) = K'L + KL'+M'K+M'L 3
0,0 (m+ KN+ K'N') (K+N) (K'L+KL'+N'K+N'L)
= MK/L + MKLN + MNKL + KLN + KN'N + KNN'L + K'N'L + K'N'N'L
 = MK'L+KL'N+KM'N+K'N'L
```

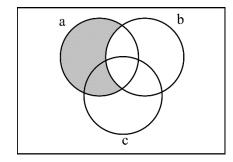
a) a'b+ b'c+ c'a= a'b' + bc'+ ca'	
, a	
الك قانول على مؤل إز فإ شارل بر عاف عام رسر	
b) (a+b)(bc)(c+a)= (a'+b')(b'+c')(c'+a')	
1.0	
(b + ac) (a+c) = ab + bc + ac + ac = ab + bc + ac	
Chip (b+a'c) (a'+c')= a'b'+b'c+a'c+a'c=a'b'+b'c+a'c	
الع ساوى برانوس . (المعالم ال	
c)abetab'e' + b'ed tad = abetab'et b'ed + be'd	
-pip: a (bc+b'c')+d(b'c+bc)+ad=	
ax + dx +ad (x+x)=ax(d+1)+dx(a+1)=ax+dx	
city): a(bc+b'c)+d(b'c+bc') a ax+dx	
(2+12) (3+16) (6+12) = (5+12) (5+16) (6+12) (b	.
$\frac{d}{d} \left(\frac{x + y}{2} \right) \left(\frac{x + y}{2} \right) = \left(\frac{x}{2} + \frac{y}{2} \right) \left(\frac{x}{2} + \frac{y}{2} \right)$	
a) (10)(0, 0)(0, 0)	
Culip : Xy + x = +4 =	
دوفونسادی عصم برام نیسند.	
- (xy)+(xz) + (xz))
==-	

a)
$$\vec{A} \vec{B} + \vec{A} \vec{C} \vec{O} + \vec{A} \vec{D} \vec{E} = \vec{A} (\vec{B} + \vec{D}) (c + \vec{E}) = \vec{A} (\vec{B} + \vec{D}) (c + \vec{E}) = \vec{A} (\vec{B} + \vec{D}) (c + \vec{E}) = \vec{A} (\vec{B} + \vec{D}) + \vec{E} = \vec{A} (\vec{B} + \vec{D}) + \vec{A} (\vec{B} + \vec{D$$

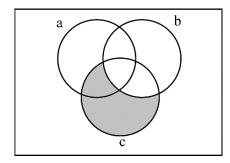
سوال ۱ امتيازی. a)

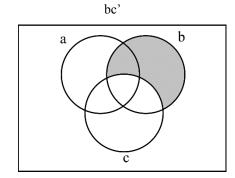
ab'



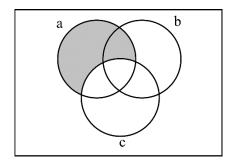


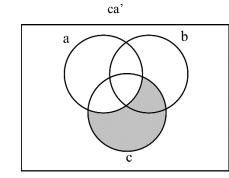
b'c



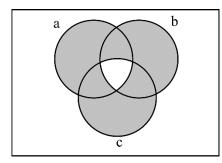


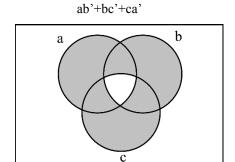
c'a





a"b+b"c+c"a

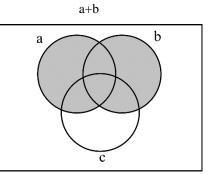


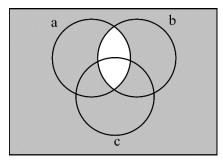


برابر است

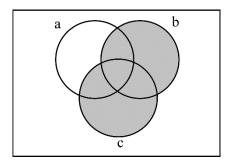
سوال ۱ امتیازی. b)

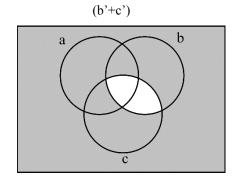




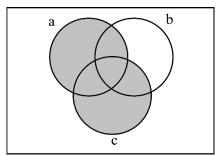


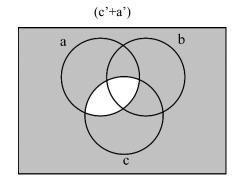
b+c



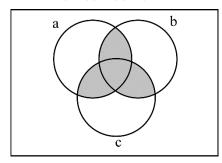


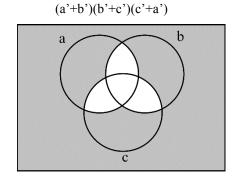
a+c





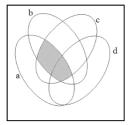
(a+b)(b+c)(a+c)



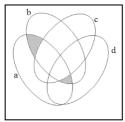


برابر نیست.

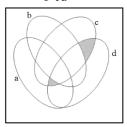
abc



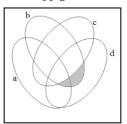
ab'c'



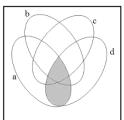
b'cd



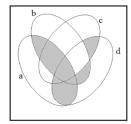
bc'd



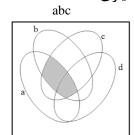
ad



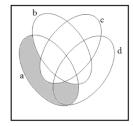
abc+ab'c'+b'cd+bc'd+



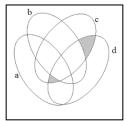
سوال ۱ امتیازی. c)



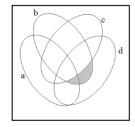
ab'c'



b'cd



bc'd



abc+ab'c'+b'cd+bc'd

