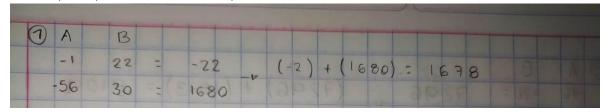
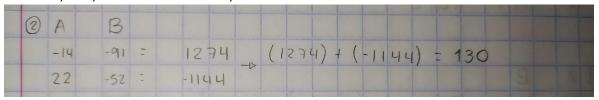
1. A = < -1 , -56 >,

$$B = < 22, 30 >$$

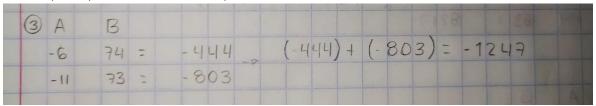


2. A = < -14, 22 >,



3. A = < -6, -11 >,

$$B = < 74, 73 >$$



4. $A = \langle 29, 59 \rangle$

(4) A	B				
29	-27 =	-783	(-783) + (531)) = -252	
59	9 =	531			

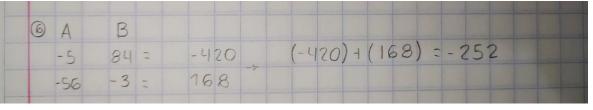
5. $A = \langle 49, -75 \rangle$, $B = \langle -12, 75 \rangle$

$$B = < -12, 75 >$$

				,	
(5)	A	B			
	49	-12	=	-588	(-588) + (-5625) = -6213
	-75	75	-	-5625	

6. A = < -5, -56 >

$$B = < 84, -3 >$$

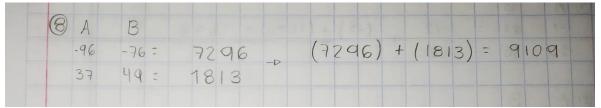


7.
$$A = < -49$$
, $-86 >$, $B = < -16$, $54 >$

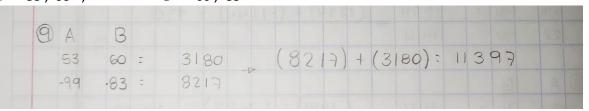
$$B = < -16, 54 >$$

9	A	B			
	-49	-16	2	784	(784) + (-4644)= -3860
	-86	54	-	-4644	

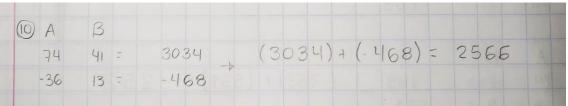
$$B = < -76, 49 >$$



$$B = < 60, -83 >$$



$$B = < 41, 13 >$$

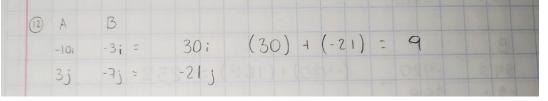


11.
$$A = < 7i, -3j >$$

$$B = < -5i, -9j >$$

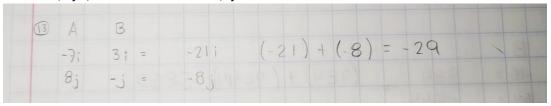
(I) A	В				
Fi	-Si =	-35:	(-35) + (27) =	-8	
-3;	-9j =	27 ;			

$$B = < -3i, -7j >$$

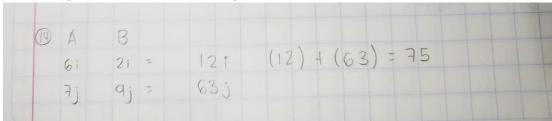


13.
$$A = < -7i$$
, $8j >$, $B = < 3i$, $-j >$

$$B = < 3i, -j >$$

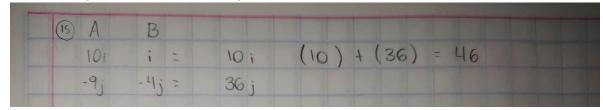


14. A = < 6i , 7j >,

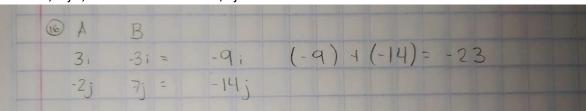


15. A = < 10i, -9j>, B = < i, -4j>

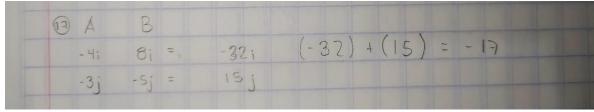
$$B = < i, -4i >$$



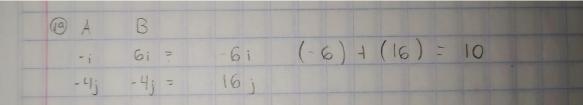
16. A = < 3i , -2j >,



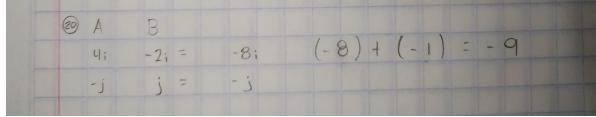
17. A = < -4i, -3j >, B = < 8i, -5j >



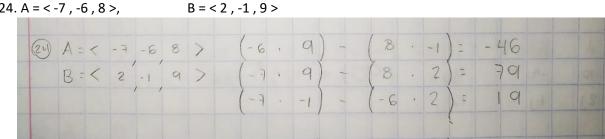
(8) A	B		
-101	-9i =	90 i	(90) + (12) = 112
2 ;	6j =	12)	

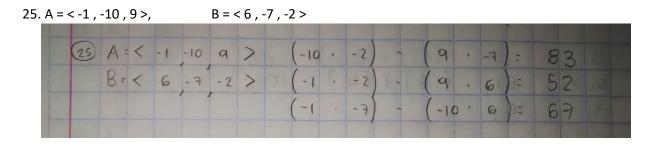


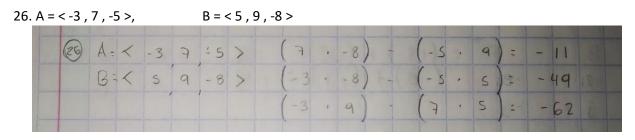
20.
$$A = < 4i, -j>$$
, $B = < -2i, j>$

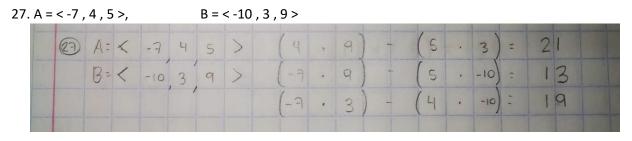


(2)
$$A = \langle .5, -9, -8 \rangle$$
 $(-9 \cdot 7) - (-8 \cdot -10) = -143$
 $B = \langle 5, -10, 7 \rangle$ $(-5 \cdot 7) - (-8 \cdot 5) = -5$
 $(-5 \cdot -10) - (-9 \cdot 5) = 95$









28. A = < -4, -3, -7>, B = < 9, -5, -4>

28	A : <	-4	-3	- 7	>	(-3	-4)	-				- 23	
	B = <	9	-5	-4	>	(-4	-4)	+	(-7	9) =	-79	
			1	1		(-L)	-5)	-	(-3	9	2	47	

29. A = < -6, 9, 5>, B = < -7, 3, 1>

69	A =	<	-6	9	5	>		(9		1) -	(5	,	3) =	-6	
	B =	<	-7	3	1	>	(-6	,	1)	-	(5		-7)	7.	-29	
				, ,			((-6		3	-	(9		-7) =	45	

30. A = < -5 , -8 , 6 >, B = < 5 , -2 , 7 >

