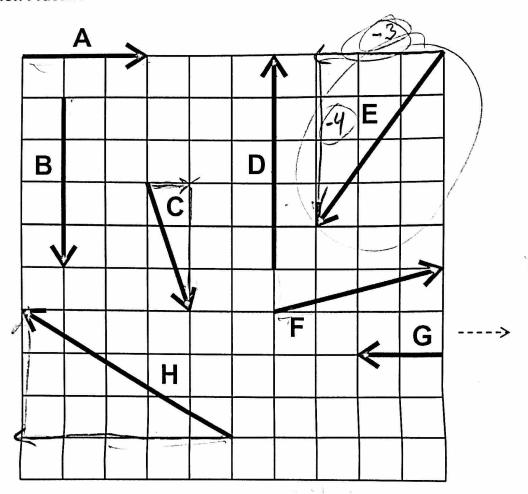
Vector Addition Practice:



1. Find the resultant vector that is produced by adding vectors A and B.

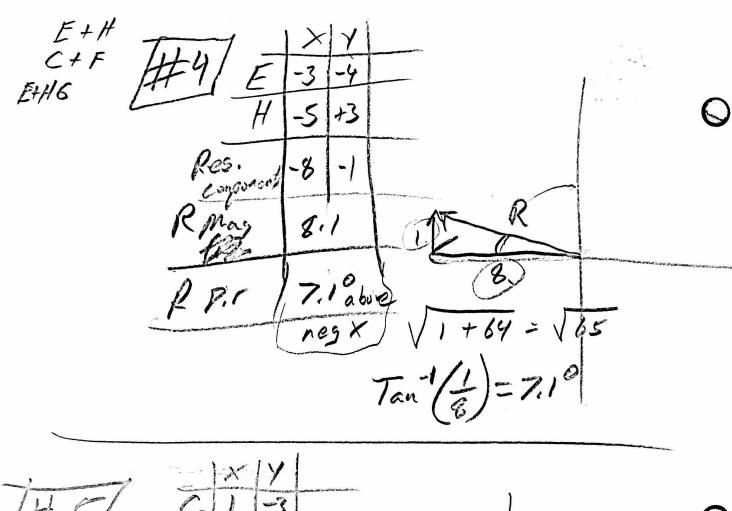
Vector	comp.	comp.	Head-to-Tail Diagram:	
A	3	0	Tan 0= 4	
B	0	(-4)	0 = Tax (4)	
Totals	3	-4	*	3
Magnitude of Resultant	5		$\sqrt{3^2+(-4^2)}=\sqrt{25}$	
Direction of Resultant	53,1°belan Posi		tivex	

Add vectors E and C.

	Х	Υ	Head-to-Tail
Vector	comp.	comp.	Diagram:
E.	(3)	(-4)	Tun 0=== 7 0=Tun (72)
	(+1)	-3	0=Tu-(/2)
Totals	-2	-7	
Magnitude of Resultant	(7)	3	V2°+72
Direction of Resultant	74° be	elow)	V 53 75 7.3
What-is-are the.	magnitude a	and direction	n of the resultant vector that is produced by adding vectors
D, C, and A?			

3.

3 0 Res. Component 16+4 = 120 4,5 26.5°akare)=26 5°



R(coy) 5 -2 RMy 5.4 RMy 5.4 Posx = 5.4 Posx = 5.4

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