Name			Date		_Period
	Momentu		•		
	Total Momentum Before Colli	sion = Tot	tal Momentum ,	After Collisio	n
	momentum momentum		Momantum	momentum	٦
	object 1 + object 2	_	object 1 +		
	$m_1 v_1 + m_2 v_2$	=	$m_1 v_1 +$	m_2v_2	
					_
1. You are give	en the following data about a g	olf club h	itting a <i>statioi</i>	<i>nary</i> golf ball:	
mass of club l	nead	=	0.350 kg		
mass of golf l	pall	=	0.0 4 6 kg		
	head before collision	=	38 m/s		
speed of club	head after collision	=	29 m/s		
Calculate the	following: <u>SHOW WORK!!</u>				
A. momentum of	club head before collision				
			Answer=_		
B. momentum of	club head after collision				
			Answer=_		
C. momentum of	golf ball before collision				
	-		A		
			Answer=_		
	and the Hill of the annual History				
ر. momentum of	golf ball after collision				
			Answer=_		
E. Velocity of th	e golf ball after it is hit by the golf	club			