Risk Vs. Return

1) \$1,000 2) \$2,000 3) \$4,000 4) \$5,000				
, .	X	(Percentage	loss) =	Loss
/		() ()		
Original investment		Loss =	is the l	lowest value vou
expect at the end of the year		LOSS —	is the	iowest value you
1) 10% 2) 26% 3) 30% 4) 35%				
Suppose you start with a \$100 is $(\$100 - \$26 = \$74)$.		lose 26%, which in this	case is \$26, and wi	ind up with \$74
original investment	$= 74 \times (1 + r)$			
3. You graph some investi If you draw a best-fit lin	-		the y axis and retu	orn on the x axis.
 Be horizontal Be vertical Be downward slop Be upward sloping 				
4. The variance of a series	of numbers is the surs divided by the num	ber of items in the series		
1) 0				
2) 66.7				
3) 100				
4) 200				
Mean = + + So you square 10 (because	= / 3 =	=		
So you square 10 (because is 10 away from the mean,		ne mean, which is 20) and	d you square 10 ag	ain (because 30
You end up with a total of 2))		

You then divide	200 by 3 because	that is the number	of items in the	series (10, 20	0, 30)
Variance =	/ 3 = _				

- 5. Assume risk and return are positively related. Which algebraic formula best represents this relationship?
 - 1) Risk = $m \times Return$ where m is negative
 - 2) $Risk = m \times Return$ where m is zero
 - 3) Risk = $m \times Return$ where m is positive