Excel & Business Math Video/Class Project #40 Partial Payment on Invoice with Cash Discount Applied

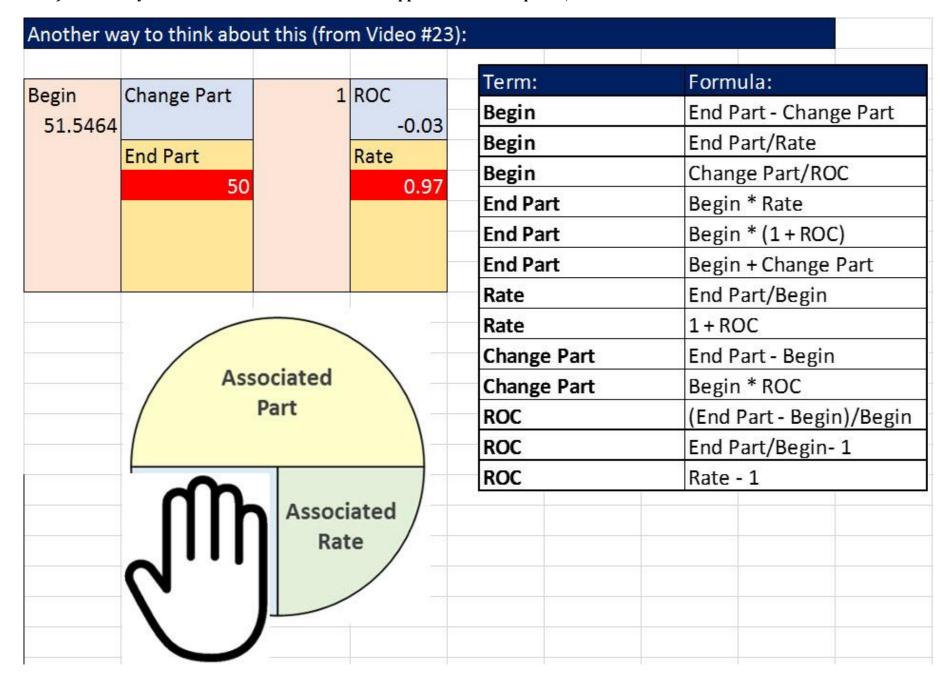
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1) Partial Payment on Invoice with Cash Discount Applied Video Example #1, Common Sense Method

1	A	В	С	D	E	F	G	Н	I	
1	Partial Payment on Invoice with Cash Discount Applied, Example 1:									
2										
	If the Invoice Total =	= \$125.00 and th	ne terms a	re '3/10, net 40'	with an In	voice Date of	f 03/08/2	018 and a Partial		
3	Payment of \$50.00 is made on 03/17/2018 how much should the account be credited?									
4										
5	Here Are The Invoice	Details (like we	saw in Vi	deo #38):		40 68		7		
6	Invoice Total			\$125.00					8	
7	Terms			3/10 , net 40						
8	Invoice Date			3/8/2018						
9	Invoice Pay Date			3/17/2018						
10	Partial Payment mad	e before discou	nt date	\$50.00						
11	Cash Discount %	122		0.03				Unrounded for cl	neck	
12	Number Days to Take	e Discount		10				51.54639175		
13	Days Between Date F			9		=D9-D8				
14	Discount Earned? Pa	TRUE		=D13<=D1	2					
15	Partial Payment =			\$51.55		=ROUND(D10/(1-D11),2)				
16	Account Balance =			\$73.45		=D6-D15				
17	Check =	10 70		50		=H12*(1-D	11)			
18	100 NO 100 LAND		1 02% 23% cc							
19	How much should th	A STATE OF THE STA	Alterial problem is a second	St. Company	1911 <u>1</u> 23 10	20			20	
20	1) First think about h						en a 3.00	0% discount.		
21	2) You would NOT ha									
22	3) This means for every \$1 in an account balance, you only need to pay \$0.97 or 97 pennies									
23									they pay.	
24	5) How do we do that? We ask the question: How many \$0.97 are in \$50.00!									
25	6) Dividing \$50.00 by \$0.97 tells us How many \$0.97 are in \$50.00!									
26	7) The credit for the account is: \$50.00/(1-0.03) = \$50.00/0.97 = \$51.55									

2) Partial Payment on Invoice with Cash Discount Applied Video Example #1, Increase Decrease Method



3) Partial Payment on Invoice with Cash Discount Applied Video Example #2, Increase Decrease Method

	Α	В	С	D	E	F	G	Н	I
33	Partial Payment on Invoice with Cash Discount Applied, Example 2:								
34									
35	Cash Discount %			0.02					
36	Invoice total			\$1,852.75					
37	Partial payment made before discount date			\$900.00		=ROUND((Partial Payment)/(1-Cash Discount %),2)			
38	Reduction in Amount Owed			\$918.37		=ROUND(D37/(1-D35),2)			
39	Amount Still Due On Account			\$934.38		=D36-D38			
40							r (Ctrl) ▼		
41	Another way to think of this is: \$900/\$0.98 = "How many \$0.98 are								
42	there in \$900?, since for every \$0.98 I pay I get \$1 credit.								