

Cost of Smoking

1. Open Microsoft Excel.
2. Save file using the file name **Cost of Smoking**.
3. Using the handout as your guide, type all of the black text. You do not need to stretch any cells at this point.

	A	B	C	D	E	F	G
1	What does smoking cost you (besides your life)?						
2	Edward Gorey, 8J8						
3		Number of Packs per Day					
4		1	1.5	2	2.5	3	
5							
6	Day	\$1.75	\$2.63	\$3.50	\$4.38	\$5.25	
7	Week	\$12.25	\$18.38	\$24.50	\$30.63	\$36.75	
8	Month	\$52.50	\$78.75	\$105.00	\$131.25	\$157.50	
9	Year	\$638.75	\$958.13	\$1,277.50	\$1,596.88	\$1,916.25	
10	10 years	\$6,387.50	\$9,581.25	\$12,775.00	\$15,968.75	\$19,162.50	
11	20 years	\$12,775.00	\$19,162.50	\$25,550.00	\$31,937.50	\$38,325.00	
12	30 years	\$19,162.50	\$28,743.75	\$38,325.00	\$47,906.25	\$57,487.50	
13	40 years	\$25,550.00	\$38,325.00	\$51,100.00	\$63,875.00	\$76,650.00	
14							
15							
16	What would you have saved if you put this amount in the bank each month instead?						
17							
18	10 years	\$8,152.32	\$12,228.48	\$16,304.64	\$20,380.80	\$24,456.96	
19	20 years	\$21,579.27	\$32,368.90	\$43,158.54	\$53,948.17	\$64,737.80	
20	30 years	\$43,693.58	\$65,540.37	\$87,387.16	\$109,233.95	\$131,080.74	
21	40 years	\$80,116.06	\$120,174.09	\$160,232.12	\$200,290.15	\$240,348.17	
22							

	A	B	C
1	What does smoking cost you (besides your life)?		
2	Edward Gorey, 8J8		
3			Number of Packs per Day
4			
5			
6	Day		
7	Week		
8	Month		
9	Year		
10	10 years		
11	20 years		
12	30 years		
13	40 years		
14			
15			
16	What would you have saved if you put this amount in the bank each month instead?		
17			
18	10 years		
19	20 years		
20	30 years		
21	40 years		

4. In cells B4 to F4, type the numbers 1, 1.5, 2, 2.5, and 3 (referring to the number of packs of cigarettes smoked. Make these numbers **BOLD and CENTERED**.

1	1.5	2	2.5	3
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5. Type 1.75 in cell B6 (the price of a single pack of cigarettes in this exercise).

6. Type the formulas in cells B7 to B21, and from C6 to F6. Type them exactly as you see them. When you type a formula, what you see in the cell is the answer.

	A	B	C	D	E	F
1	What does smoking cost you (besides your life)?					
2	Edward Gorey, 8J8					
3			Number of Packs per Day			
4		1	1.5	2	2.5	3
5						
6	Day	1.75	=B6*C4	=B6*D4	=B6*E4	=B6*F4
7	Week	=D6*7				
8	Month	=B6*30				
9	Year	=B6*365				
10	10 years	=B9*10				
11	20 years	=B9*20				
12	30 years	=B9*30				
13	40 years	=B9*40				
14						
15						
16	What would you have saved if you put this amo					
17						
18	10 years	=FV(0.05/12,12*10,-B8)				
19	20 years	=FV(0.05/12,12*20,-B8)				
20	30 years	=FV(0.05/12,12*30,-B8)				
21	40 years	=FV(0.05/12,12*40,-B8)				

7. * You need the formulas in gray but you **do not need to type them!!**

To get the other formulas in gray...

- Select cells B7 to B21 (not cell B6!),
- Click on the Fill Handle, the cursor will become a black cross \oplus .
- Drag across to the F column.

	A	B	C	D	E	F
1	What does smoking cost you (besides your life)?					
2	Edward Gorey, 8J8					
3			Number of Packs per Day			
4		1	1.5	2	2.5	3
5						
6	Day	1.75				
7	Week	12.25				
8	Month	52.5				
9	Year	638.75				
10	10 years	6387.5				
11	20 years	12775				
12	30 years	19162.5				
13	40 years	25550				
14						
15						
16	What would you have saved if you put this amount in the bank each month and you have saved					
17						
18	10 years	\$8,152.32				
19	20 years	\$21,579.27				
20	30 years	\$43,693.58				
21	40 years	\$80,116.06				
22						

Error messages...if you see this...

- #NAME?**Means: mistake in formula.....What do I do? Check and retype.
- #####**.....Means: cell is too small.....What do I do? Make column wider so that number will be visible.
- FALSE**.....Means: mistake in formula.....What do I do? Check and retype.
- #VALUE!**Means: mistake in formula.....What do I do? Check and retype.

8. Change the numbers in cells B6 to F21 to currency (\$), by selecting the cells, then...

- Go to the Number group,
- Click Number Format,
- Click Currency,

	A	B	C	D	E	F
1	What does smoking cost you (besides your life)?					
2	Edward Gorey, 8J8					
3			Number of Packs per Day			
4		1	1.5	2	2.5	3
5						
6	Day	1.75	2.625	3.5	4.375	5.25
7	Week	12.25	18.375	24.5	30.625	36.75
8	Month	52.5	78.75	105	131.25	157.5
9	Year	638.75	958.125	1277.5	1596.875	1916.25
10	10 years	6387.5	9581.25	12775	15968.75	19162.5
11	20 years	12775	19162.5	25550	31937.5	38325
12	30 years	19162.5	28743.75	38325	47906.25	57487.5
13	40 years	25550	38325	51100	63875	76650
14						

9. Let me see before you print. Be prepared to answer some questions about the cost of smoking cigarettes.