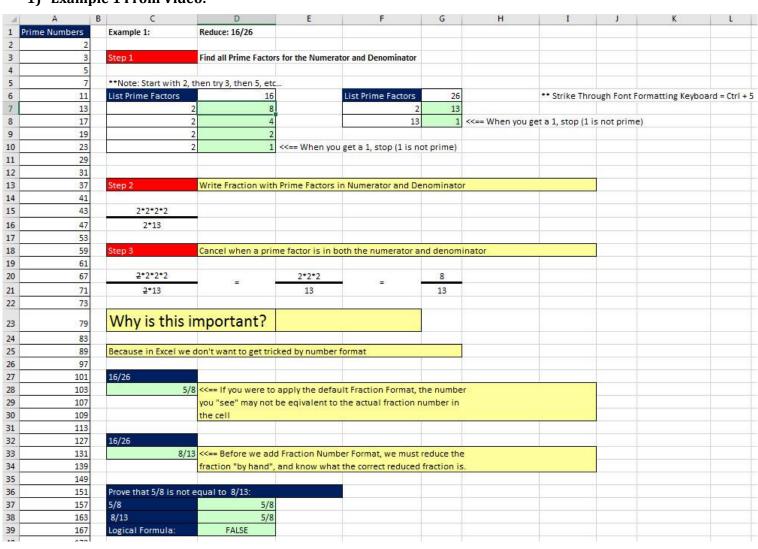
Excel & Business Math Video/Class Project #12 Reducing Fractions, Prime Factors and Understanding & Calculating Ratios

Topics

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1) Example 1 From Video:



2) Example 2 From Video:

1	С	D	E	F	G
42	Example 2:	Reduce 42/154	** Strike Throug	h Font Formatting Keyb	oard = Ctrl + 5
43	111111111111111111111111111111111111111				
44	List Primes	42		List Primes	154
45	2	21		2	77
46	3	7		7	11
47	7	1		11	1
48					
49	Reduced:	3/11			
50	Reduced:	3/11			
51					

3) Example 3 From Video:

4	C	D	E	F	G	Н	I	J	K	L	M
54	Example 3:	Reducing Fraction	ons to Verify that Num	ber Formatting is Dis	playing t	he Correct Number		** Strike	Through Font Forma	tting Keyboa	ard = Ctrl + 5
55											
						Denominator =			Numerator =		
56		Assignment	Possible Points	Your Score		Possible Points =	8		Earned Points =	7	
57		Test 1	100	80		P Factors	400		P Factors	350	
58		Test 2	100	75		2	200		2	175	
59		Test 3	100	100		2	100		5	35	
60		Test 4	100	95		2	50		5	7	
61		Total	400	350		2	25		7	1	
62						5	5				
63			Fractional Score	7/8		5	1				
64											
65			Meaning:	7 Earned Points / 8 F	ossible F	oints					

4) Example 4-6 From Video:

1	А	В	C	D	E	F	G	Н	I
1	Example 4:	Profitability Ratio =	Profit / Reve	enue					
2									
3	Company Revenue	\$100,000.00		** Income	into busir	ness			
4	Company Profit	\$15,000.00		** Amount	Owners	get to keep (also knowr	as Net Inc	ome)
5	Profit/Revenue	0.15	\$0.15 Profit	/ \$1 Revenue					
6									
7	Example 5:	Google (Alphabet) F	inancial Num	nbers					
8									
9	2015 Revenue	73,590,000,000				Go	ogle		
10	2015 Profit	15,830,000,000					0		
11	Profit/Revenue	0.215110749	\$0.22 Profit	/ \$1 Revenue					
12									
13									
14	Example 6:	Catapillar Financial	Numbers						
15						A STATE OF THE PARTY OF THE PAR			
16	2015 Revenue	47,010,000,000				1			
17	2015 Profit	2,510,000,000				A III	PAT		
18	Profit/Revenue	0.053392895	\$0.05 Profit	/ \$1 Revenue		COY IN			
19							1000		

5) Business Terms used in Video:

- Revenue = Income into the business
- Expenses = The cost of running the business
- Loans = Debt = Liabilities = How much the Business Owes in Loans
- Profit = Net Income = Earnings = Total Revenues Total Expenses = How much is left over for the owners after all the bills are paid

Δ	A	В	C	D	E	F	G	Н
22	Example 6:	Homework or Screen	Time?					
23								
24	Total Screen Time Last Week	45.5		** Screen	Time = Ph	one, Compu	iter, TV, <mark>M</mark> o	vies, Xbox
25	Total Hours Spent Doing Homework Last Week	8.5		300000000000000000000000000000000000000				
26	Screen Time Hours/Homework Hours	5.352941176 5	.35 Hours S	Screen Time /	1 Hour spe	nt on Home	ework	
27								
28								
29	Example 7:	Target in the Last Hou	ır: Total Cu	stomers and T	Total Items	purchased		
30								
	Total Items Purchased in							
31	One Hour	2,010						
	Total Customers in One							
32	Hour	250						
33	Items Purchased/ Customer	8.04.8	Items Puro	hased / 1 Cus	tomer			

7) Example 8 From Video:

Α	В	С
Assignment	Possible Points	Your Score
Test 1	100	80
Test 2	100	75
Test 3	100	100
Test 4	100	95
Total	400	350
	Fractional Score	350/400
	Meaning:	350 Earned Points / 400 Possible Points
Example 8		
	Assignment Test 1 Test 2 Test 3 Test 4 Total	Assignment Possible Points Test 1 100 Test 2 100 Test 3 100 Test 4 100 Total 400 Fractional Score Meaning:

8) New Keyboards in Video

• Ctrl + 5 = Strike Through Font Formatting