

2012.10.17

Managerial Accounting - #17

Sales	1,000,000	
CGS	600,000	
EBITDA	400,000	
-DA	0	
EBIT	400,000	
-I	100,000	
EBT	300,000	
-T	120,000	
	180,000	240,000

now work your way up

#15 Taxable income 250,000

+ 10,000 interest received is taxable

dividends paid
are not tax
deductible

- 45,000 interest paid is deductible

+ 0.3 (20,000) dividends received is taxable

221,000 ← taxable income

#12 Option 1 - new plant

Before-tax: 11%

After tax: $11\% (1 - 0.25)$
 $= 8.25\%$

Option 2

Before tax: 9% dividends

~~tax credit~~

After tax: $9\% - (0.25)(3)(9\%)$

$9\% - 0.675\%$

8.325%