Reasons Why Fundamental Accounting Concept¹ Test Fails

BS₁

Equity = Equity Attributable to Parent + Equity Attributable to Noncontrolling Interest

What this rule tests

This rule tests the relationship between three very common line items of a financial report:

- Equity attributable to parent
- Equity attributable to noncontrolling interest
- Equity

If a reporting entity has no equity attributable to noncontrolling interest, then equity attributable to parent and equity are the same as there is no equity in noncontrolling interest.

Of all filers, approximately 98.6% pass this test. Of the remaining 1.4%, the following are the reasons this test is failed:

- Equity attributable to parent entered with the wrong polarity (30% of failures)
- Concepts used for equity attributable to parent and equity have been reversed (30% of failures)
- Equity or equity attributable to parent concept was not reported and could not be imputed
- Undetermined reasons

Common reasons why test fails

Equity attributable to parent entered with the wrong polarity

One common reason this test fails is that filers enter the value for equity attributable to noncontrolling interest using the wrong polarity (i.e. what should be a positive is entered as a negative; or what should be a negative is entered as a positive). For example, consider the balance sheet of this filing:

http://www.sec.gov/cgi-bin/viewer?action=view&cik=1310094&accession_number=0001193125-12-354294&xbrl_type=v#

¹ For more information on the fundamental accounting concepts and the relations between these concepts please see http://fundamentalaccountingconcepts.wikispaces.com

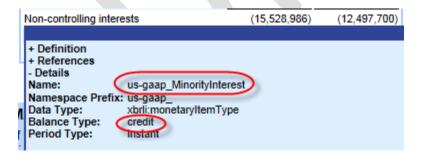
,		
Stockholders' deficit:		
Common stock, \$0.001 par value; 300,000,000 shares authorized; 86,686,661 shares issued and 85,138,525 outstanding at June 30, 2012; and 74,732,534 shares issued and 73,184,398 shares outstanding at September 30, 2011	86,687	74,733
Treasury stock, 1,548,136 shares, June 30, 2012 and September 30, 2011	(1,496,417)	(1,496,417)
Additional paid-in capital	274,121,131	260,730,525
Accumulated deficit	(335,744,152)	(333,870,254)
Total stockholders' deficit attributable to Accentia	(63,032,751)	(74,561,413)
Non-controlling interests	(15,528,986)	(12,497,700)
Total stockholders' deficit	(78,561,737)	(87,059,113)
Total liabilities and stockholders' deficit	\$ 3,312,557	\$ 5,914,014

At first glance this might seem correct. However, with closer examination you can see the following:

Equity attributable to parent is a credit:



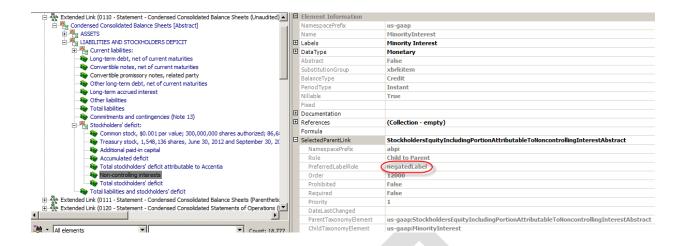
Equity attributable to noncontrolling interest is a credit:



The value in the XBRL instance is POSITIVE:

```
<us-gaap:MinorityInterest
contextRef="BalanceAsOf_30Sep2011" decimals="0" unitRef="USD">12497700/us-gaap:MinorityInterest
<us-gaap:MinorityInterest contextRef="BalanceAsOf_30Jun2012" decimals="0" unitRef="USD">15528986
us-gaap:MinorityInterest
```

The concept in the balance sheet relation is negated.



The HTML version of the balance sheet shows this the clearest. Both the equity attributable to parent and the equity attributable to noncontrolling interest are deficits and therefore negative credits (i.e. debits) and equity is likewise a deficit arrived at by ADDING the parent and noncontrolling interest deficits.

ACCENTIA BIOPHARMACEUTICALS, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED BALANCE SHEETS (Unaudited) (Continued)

Tuna 20 2012

	(Unaudited)	2011
Commitments and contingencies (Note 13)	_	_
Stockholders' deficit:		
Common stock, \$0.001 par value; 300,000,000 shares authorized;		
86,686,661 shares issued and 85,138,525 outstanding at June 30, 2012; and		
74,732,534 shares issued and 73,184,398 shares outstanding at September 30,		
2011	86,687	74,733
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Each of these filings has a similar error which is easily detectable by taking the amount of the error, dividing it by 2, and comparing the value to equity attributable to noncontrolling interest. If the error divided by 2 is equal to the amount of the noncontrolling interest, the value has been entered with the wrong polarity:

LinkToXBRLInstance	EntityRegistrantName
http://www.sec.gov/Archives/edgar/data/1328655/000119312513111193/ck0001328655-	Affinia Group Intermediate
20121231.xml	Holdings Inc.
http://www.sec.gov/Archives/edgar/data/930245/000126327913000011/aasp-20121231.xml	All American Sportpark Inc.
http://www.sec.gov/Archives/edgar/data/1126003/000106299313006350/alyi-20121231.xml	ALTERNET SYSTEMS INC
http://www.sec.gov/Archives/edgar/data/1108046/000155479513000227/afpw-20121231.xml	AlumiFuel Power Corp

LinkToXBRLInstance	EntityRegistrantName
http://www.sec.gov/Archives/edgar/data/1142801/000109690613000908/amsu-20121231.xml	AMANASU ENVIRONMENT CORP
http://www.sec.gov/Archives/edgar/data/1139822/000101968713002197/amru-20121231.xml	AMARU INC
http://www.sec.gov/Archives/edgar/data/1102238/000101054913000237/arl-20121231.xml	AMERICAN REALTY INVESTORS INC
http://www.sec.gov/Archives/edgar/data/104918/000010491814000036/ava-20131231.xml	AVISTA CORP
http://www.sec.gov/Archives/edgar/data/1370030/000118518513000598/biad-20121231.xml	Bio-AMD Inc.
http://www.sec.gov/Archives/edgar/data/1364100/000136410013000010/dvr-20121231.xml	Cal Dive International, Inc.
http://www.sec.gov/Archives/edgar/data/1430259/000110465913019760/cwi-20121231.xml	Carey Watermark Investors Incorporated
http://www.sec.gov/Archives/edgar/data/1416083/000141608313000014/ck0001416083- 20130630.xml	Catalent Pharma Solutions, Inc.
http://www.sec.gov/Archives/edgar/data/894544/000116552713000299/chag-20121231.xml	CHANCELLOR GROUP INC.
http://www.sec.gov/Archives/edgar/data/1413263/000121390013003375/cjjd-20130331.xml	CHINA JO-JO DRUGSTORES, INC.
http://www.sec.gov/Archives/edgar/data/355019/000035501913000029/fnr-20140630.xml	Fonar Corporation
http://www.sec.gov/Archives/edgar/data/722572/000101968713003757/fkwl-20130630.xml	FRANKLIN WIRELESS CORP
http://www.sec.gov/Archives/edgar/data/789944/000114420413022065/snktyob-20121231.xml	Independence Resources PLC
http://www.sec.gov/Archives/edgar/data/357108/000141588913002645/irsn-20130930.xml	ISC8 INC. /DE
http://www.sec.gov/Archives/edgar/data/58361/000005836113000033/lee-20120930.xml	Lee Enterprises, Inc.
http://www.sec.gov/Archives/edgar/data/1334699/000114420413054601/lieg-20130630.xml	Li3 Energy, Inc.
http://www.sec.gov/Archives/edgar/data/854800/000117891313000945/lpst-20121231.xml	MICRONET ENERTEC TECHNOLOGIES, INC.
http://www.sec.gov/Archives/edgar/data/1399855/000119312513317482/nauh-20130531.xml	National American University Holdings, Inc.
http://www.sec.gov/Archives/edgar/data/1080657/000138713113001140/netr-20121231.xml	NetReit, Inc.
http://www.sec.gov/Archives/edgar/data/1503636/000144530513002162/frac-20121231.xml	PLATINUM ENERGY SOLUTIONS, INC.
http://www.sec.gov/Archives/edgar/data/903127/000119312514075029/pps-20131231.xml	POST PROPERTIES INC
http://www.sec.gov/Archives/edgar/data/318299/000118518513001701/srco-20130430.xml	SPARTA COMMERCIAL SERVICES, INC.
http://www.sec.gov/Archives/edgar/data/1100747/000121465913002057/trgd-20121231.xml	TARA GOLD RESOURCES CORP.
http://www.sec.gov/Archives/edgar/data/1387054/000121465913002027/tarm-20121231.xml	Tara Minerals Corp.
http://www.sec.gov/Archives/edgar/data/1375686/000106299313001603/thti-20121231.xml	THT Heat Transfer Technology, Inc.
http://www.sec.gov/Archives/edgar/data/1425627/000147793213002245/imle-20121231.xml	TransBiotec, Inc.
http://www.sec.gov/Archives/edgar/data/103096/000151531613000035/trr-20130630.xml	TRC COMPANIES INC /DE/
http://www.sec.gov/Archives/edgar/data/732026/000141588913001902/trt-20130630.xml	TRIO TECH INTERNATIONAL
http://www.sec.gov/Archives/edgar/data/1171662/000114036113012481/gts-20121231.xml	TRIPLE-S MANAGEMENT CORP
http://www.sec.gov/Archives/edgar/data/1302946/000130294613000018/turv-20121231.xml	TWO RIVERS WATER & FARMING Co
http://www.sec.gov/Archives/edgar/data/883237/000119312514065148/vrts-20131231.xml	VIRTUS INVESTMENT PARTNERS, INC.
http://www.sec.gov/Archives/edgar/data/929008/000092900814000006/wcc-20131231.xml	WESCO INTERNATIONAL INC.
http://www.sec.gov/Archives/edgar/data/1277092/000114420413015574/hogs-20121231.xml	ZHONGPIN INC.

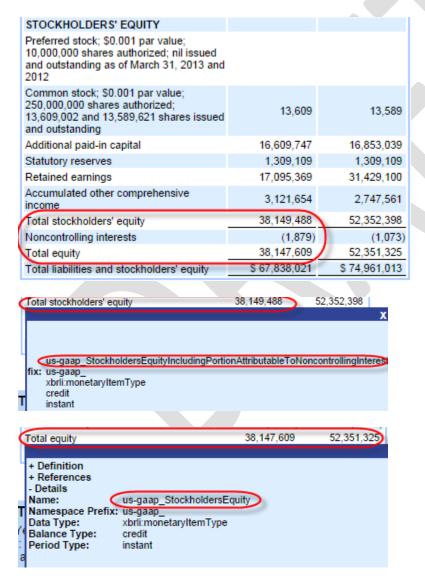
Concepts used for equity attributable to parent and equity have been reversed

The vast majority of SEC filers use the proper concept to express equity and equity attributable to parent. However, there are 35 (in the set below) who reversed those concepts.

For example, consider this the balance sheet of this filing:

http://www.sec.gov/cgi-bin/viewer?action=view&cik=1413263&accession_number=0001213900-13-003375&xbrl_type=v#

At first glance, the equity section seems fine, but if you look at the concepts used to express equity attributable to parent (Total stockholders" equity line item) and equity (Total equity line item) you notice that the filer reversed how the two concepts are generally used:



If you examine pretty much any other SEC XBRL financial filing you will see that filers use these concepts in a manner which is the reverse of how this filer, who is one of only 35 filers to take this alternative approach (as compared to 5543 who use the correct approach).

Fundamental Concept	LookedForConcept	FoundParent	Count
Equity	us-gaap:StockholdersEquity	us-qaap:LiabilitiesAndStockholdersEquity	4378
Equity	us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap:LiabilitiesAndStockholdersEquity	1447
Equity	us-gaap:StockholdersEquity	us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	1164
Equity	us-gaap:StockholdersEquity	Network (i.e. is the parent/total)	205
Equity	us-gaap:PartnersCapital	us-gaap:LiabilitiesAndStockholdersEquity	149
Equity	us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	Network (i.e. is the parent/total)	91
Equity	us-gaap:PartnersCapitalIncludingPortionAttributableToNoncontrollingInterest	us-gaap:LiabilitiesAndStockholdersEquity	54
Equity	us-gaap:PartnersCapital	us-gaap:PartnersCapitalIncludingPortionAttributableToNoncontrollingInterest	39
Equity	us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap:StockholdersEquity	35
Equity	us-gaap:StockholdersEquity	us-gaap:CapitalizationLongtermDebtAndEquity	25
Equity	us-gaap:MembersEquity	us-gaap:LiabilitiesAndStockholdersEquity	24
Equity	us-gaap:MembersEquity	us-gaap:StockholdersEquity	10
Equity	us-gaap:CommonStockholdersEquity	us-gaap:LiabilitiesAndStockholdersEquity	g
Equity	us-gaap:PartnersCapital	us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	g
Equity	us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap:CapitalizationLongtermDebtAndEquity	8
Equity	us-gaap:PartnersCapital	Network (i.e. is the parent/total)	6
Equity	us-gaap:PartnersCapitalIncludingPortionAttributableToNoncontrollingInterest	Network (i.e. is the parent/total)	۵
Equity	us-gaap:CommonStockholdersEquity	us-gaap:StockholdersEquity	4
Equity	us-gaap:MembersEquity	us-gaap:LimitedLiabilityCompanyLlcMembersEquityIncludingPortionAttributableToNoncontrollingInterest	3
Equity	us-gaap:PartnersCapital	us-gaap:MembersEquity	3
Equity	us-gaap:CommonStockholdersEquity	us-gaap:CapitalizationLongtermDebtAndEquity	2
Equity	us-gaap:MembersEquity	us-gaap:PartnersCapital	2
Equity	us-gaap:StockholdersEquity	abbv:StockholdersEquityIncludingParentInvestmentPriorToSeparation	1
Equity	us-gaap:MembersEquity	acep:MembersEquityTotal	1
Equity	us-gaap:CommonStockholdersEquity	amba:LiabilitiesRedeemableConvertiblePreferenceSharesAndShareholdersEquity	1
Equity	us-gaap:PartnersCapital	amid:TotalLiabilitiesAndPartnersCapital	1
Equity	us-gaap:MembersEquity	audh:LiabilitiesAndMembersEquity	1
Equity	us-gaap:StockholdersEquity	CEHD:TotalEquity	1
Equity	us-gaap:MembersEquity	cik0001394922:LiabilitiesAndMembersEquity	1
Equity	us-gaap:MembersEquity	cik0001463389:LiabilitiesAndMembersEquity	1
Equity	us-gaap:MembersEquity	cik0001519117:LiabilitiesAndMembersEquity	1
Equity	us-gaap:PartnersCapitalIncludingPortionAttributableToNoncontrollingInterest	ck0001531744:LiabilitiesAndPartnershipCapital	1
Equ <u>i</u> ty _	us-gaap:MembersEquity	eastas:LjabilitiesAndMemberSEquity	_ 1

This error is easy to detect by examining the parent roll up concept of concepts which are used to articulate equity within the XBRL calculation relations.