

Reading: Odomirok - Chapter 8/9
Model: 2017.Fall #10
Problem Type: policyholder's surplus

(Income Statement (Model - 2017.Fall Q10)) 01a-Question

Given

	item	2016	2015
A	policyholder's surplus		6,150
B	NWP	5,740	4,670
C	NEP	5,050	3,750
D	incurred losses	3,440	2,340
E	LAE	860	490
F	other U/W expenses	1,090	980
G	net investment income earned	520	490
H	net realized capital gains less tax	110	60
I	net unrealized capital gains less tax	630	860
J	other income	60	120
K	dividends to policyholders	60	60
L	dividends to stockholders	230	180
M	federal & foreign taxes	60	0
N	net deferred income tax	230	250
O	provision for reinsurance	60	120
P	total assets	7,920	7,500
Q	non-admitted assets	1,030	680

Find

2016 policyholder's surplus

Hint:

It helps to figure out which items in the table count as **income** and which items count as **direct charges to surplus**.

That's because **direct charges to surplus** are treated differently. They do not flow through the income statement on their way to surplus. They go **directly** to surplus.

surplus = 5,610

(Income Statement (Model - 2017.Fall Q10)) 01b-Answer

+/-	2016 values unless otherwise stated	value	Classification		item
			net income	other	
+	2015 policyholder's surplus	6,150		6,150	2015 policyholder's surplus
-----	NWP				
+	NEP	5,050	5,050		
-	incurred losses	-3,440	-3,440		
-	LAE	-860	-860		
-	other U/W expenses	-1,090	-1,090		
+	net investment income earned	520	520		
+	net realized capital gains less tax	110	110		
+ chg	net unrealized capital gains less tax	-230		-230	net unrealized capital gains less tax
+	other income	60	60		
-	dividends to policyholders	-60	-60		
-	dividends to stockholders	-230		-230	dividends to stockholders
-	federal & foreign taxes	-60	-60		
+ chg	net deferred income tax	-20		-20	net deferred income tax
- chg	provision for reinsurance	-60		60	provision for reinsurance
-----	total assets				
- chg	non-admitted assets	350		-350	non-admitted assets
		6,190	230 +	5,380 =	5,610

Reading: Odomirok - Chapter 8/9

(Income Statement (Model - 2017.Fall Q10)) 02a-Question

Model: 2017.Fall #10

Problem Type: policyholder's surplus

Given

	item	2016	2015
A	policyholder's surplus		2,480
B	NWP	2,780	1,880
C	NEP	2,450	1,510
D	incurred losses	1,670	940
E	LAE	420	200
F	other U/W expenses	530	400
G	net investment income earned	250	200
H	net realized capital gains less tax	60	20
I	net unrealized capital gains less tax	310	350
J	other income	30	50
K	dividends to policyholders	30	20
L	dividends to stockholders	110	70
M	federal & foreign taxes	30	0
N	net deferred income tax	110	100
O	provision for reinsurance	30	50
P	total assets	3,840	3,030
Q	non-admitted assets	500	270

Find

2016 policyholder's surplus

Hint:

It helps to figure out which items in the table count as **income** and which items count as **direct charges to surplus**.

That's because **direct charges to surplus** are treated differently. They do not flow through the income statement on their way to surplus. They go **directly** to surplus.

surplus = 2,240

(Income Statement (Model - 2017.Fall Q10)) 02b-Answer

+/-	2016 values unless otherwise stated	value	Classification		item
			net income	other	
+	2015 policyholder's surplus	2,480		2,480	2015 policyholder's surplus
-----	NWP				
+	NEP	2,450	2,450		
-	incurred losses	-1,670	-1,670		
-	LAE	-420	-420		
-	other U/W expenses	-530	-530		
+	net investment income earned	250	250		
+	net realized capital gains less tax	60	60		
+ chg	net unrealized capital gains less tax	-40		-40	net unrealized capital gains less tax
+	other income	30	30		
-	dividends to policyholders	-30	-30		
-	dividends to stockholders	-110		-110	dividends to stockholders
-	federal & foreign taxes	-30	-30		
+ chg	net deferred income tax	10		10	net deferred income tax
- chg	provision for reinsurance	-20		20	provision for reinsurance
-----	total assets				
- chg	non-admitted assets	230		-230	non-admitted assets
		2,660	110 +	2,130 =	2,240