

# Cedar Plaza

Buy v Lease Analysis

Mar 09, 2008



## Property Information Cedar Plaza Buy v Lease Analysis

March 09, 2008 Investor Pro Buy v Lease

**Property Description** 

**Location Description** 

Legal

Zoning

**Encumbrances** 



### **Property Information**

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

**Property Taxes Information** 

Roll or Identification Number

Assessment Date
Property Taxes

\$0

Ft

Sq. Ft

**Assessed Value** 

Land

Improvements

-

Land

Dimensions

Frontage 0 Land Area 0



# Client Information Cedar Plaza Buy v Lease Analysis

March 09, 2008 Investor Pro Buy v Lease

### **Contact Information**

Office Tel: Mobile:

Home Tel:

Fax:

E-mail:



# Buy v Lease Comparison (Before Tax)

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

						BUY					LEASE	BU	Y v LEASE
			 	_	Operating		Sale	Net		Leasing			ash Flow
			Financ	3	С	ash Flow	Proceeds	C	Cash Flow	Е	Expenses		ifference
Year	Ir	nvestment	 Borrow	Paid Back	(B	efore Tax)	(Before Tax)	(B	efore Tax)	(B	efore Tax)	(B	efore Tax)
Year 1 Jan-Year 1 Dec	\$	(850,000)	\$ 650,000	-	\$	(83,836)	-	\$	(283,836)	\$	(73,320)	\$	(210,516)
Year 2 Jan-Year 2 Dec		-	-	-		(84,466)	-		(84,466)		(73,990)		(10,477)
Year 3 Jan-Year 3 Dec		-	-	-		(85,126)	-		(85,126)		(74,694)		(10,433)
Year 4 Jan-Year 4 Dec		-	-	-		(85,786)	-		(85,786)		(75,400)		(10,386)
Year 5 Jan-Year 5 Dec		-	-	-		(86,476)	-		(86,476)		(76,113)		(10,363)
Year 6 Jan-Year 6 Dec		-	-	-		(87,166)	-		(87,166)		(85,018)		(2,148)
Year 7 Jan-Year 7 Dec		-	-	-		(87,916)	-		(87,916)		(85,768)		(2,148)
Year 8 Jan-Year 8 Dec		-	-	-		(88,666)	-		(88,666)		(86,584)		(2,083)
Year 9 Jan-Year 9 Dec		-	-	-		(89,446)	-		(89,446)		(87,402)		(2,044)
Year 10 Jan-Year 10 Dec		-	-	(441,135)		(90,226)	1,132,058		600,697		(88,256)		688,953
							Total	\$	(378,190)	\$	(806,544)	\$	428,355
					Net P	resent Value	(NPV) at 13.00%	\$	(464, 295)	\$	(427,107)	\$	(37,188)

### **BUY v LEASE Financial Returns (Before Tax)**

Internal Rate of Return (IRR)	11.01%
Net Present Value (NPV) at 13.00%	(\$ 37,188)
Modified Internal Rate of Return (MIRR)	10.83%
Short Term Financing Rate (Before Tax)	8.000%
Short Term Reinvestment Rate (Before Tax)	3.000%

### Conclusion.

If the Net Present Value (NPV) is positive consider buying. If the Net Present Value (NPV) is negative consider Leasing.

Consider Buying if the Total Purchase Price is approximately \$812,812 or less.



# Buy v Lease Comparison (After Tax)

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

						BUY					LEASE	BU	Y v LEASE
			<b></b>			Operating	Sale		Net		Leasing		ash Flow
Vaar	1.		Financ	0		Cash Flow	Proceeds		Cash Flow		Expenses		Oifference
Year		nvestment	 Borrow	Paid Back	(	After Tax)	(After Tax)	(	After Tax)	(/	After Tax)	(/	After Tax)
Year 1 Jan-Year 1 Dec	\$	(850,000)	\$ 650,000	-	\$	(54,868)	-	\$	(254,868)	\$	(47,658)	\$	(207,210)
Year 2 Jan-Year 2 Dec		-	-	-		(55,467)	-		(55,467)		(48,093)		(7,373)
Year 3 Jan-Year 3 Dec		-	-	-		(56,322)	-		(56,322)		(48,551)		(7,772)
Year 4 Jan-Year 4 Dec		-	-	-		(57,212)	-		(57,212)		(49,010)		(8,201)
Year 5 Jan-Year 5 Dec		-	-	-		(58,156)	-		(58,156)		(49,473)		(8,682)
Year 6 Jan-Year 6 Dec		-	-	-		(59,139)	-		(59,139)		(55,262)		(3,877)
Year 7 Jan-Year 7 Dec		-	-	-		(60,202)	-		(60,202)		(55,749)		(4,453)
Year 8 Jan-Year 8 Dec		-	-	-		(61,310)	-		(61,310)		(56,279)		(5,031)
Year 9 Jan-Year 9 Dec		-	-	-		(62,485)	-		(62,485)		(56,811)		(5,674)
Year 10 Jan-Year 10 Dec		-	-	(441,135)		(63,921)	1,054,789		549,733		(57,367)		607,100
							Total	\$	(175,427)	\$	(524,254)	\$	348,827
					Net	Present Value	(NPV) at 8.45%	\$	(310,390)	\$	(339,146)	\$	28,755

### **BUY v LEASE Financial Returns (After Tax)**

Internal Rate of Return (IRR)	9.77%
Net Present Value (NPV) at 8.45%	\$ 28,755
Modified Internal Rate of Return (MIRR)	9.43%
Short Term Financing Rate (After Tax)	5.200%
Short Term Reinvestment Rate (After Tax)	1.950%

### Conclusion.

If the Net Present Value (NPV) is positive consider buying. If the Net Present Value (NPV) is negative consider Leasing.

Consider Buying if the Total Purchase Price is approximately \$878,755 or less.



Cedar Plaza Buy v Lease Analysis

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
BEFORE TAX COMPARISON. BUY V LEAS	E									
Lease. Leasing Expenses	73,320	73,990	74,694	75,400	76,113	85,018	85,768	86,584	87,402	88,256
Buy. Cash Outflows										
Buy. Building Operating Expenses	21,000	21,630	22,290	22,950	23,640	24,330	25,080	25,830	26,610	27,390
Principle Payments	14,581	15,713	16,933	18,247	19,664	21,190	22,835	24,608	26,518	28,577
Interest payments	48,256	47,124	45,904	44,589	43,173	41,646	40,001	38,228	36,318	34,259
	83,836	84,466	85,126	85,786	86,476	87,166	87,916	88,666	89,446	90,226
Difference (Before Tax) Buy v Lease	(10,516)	(10,477)	(10,433)	(10,386)	(10,363)	(2,148)	(2,148)	(2,083)	(2,044)	(1,970)
AFTER TAX COMPARISON. BUY v LEASE Lease				,						
Lease. Leasing Expenses	73,320	73,990	74,694	75,400	76,113	85,018	85,768	86,584	87,402	88,256
Tax Saving at 35.00%	(25,662)	(25,896)	(26,143)	(26,390)	(26,640)	(29,756)	(30,019)	(30,304)	(30,591)	(30,890)
Lease. Cash Outflow After Tax	47,658	48,093	48,551	49,010	49,473	55,262	55,749	56,279	56,811	57,367
Buy										
Buy. Building Operating Expenses	21,000	21,630	22,290	22,950	23,640	24,330	25,080	25,830	26,610	27,390
Plus: Interest Payments	48,256	47,124	45,904	44,589	43,173	41,646	40,001	38,228	36,318	34,259
Depreciation and Amortization	13,510	14,103	14,103	14,103	14,103	14,103	14,103	14,102	14,103	13,510
_	82,766	82,857	82,297	81,642	80,916	80,079	79,184	78,160	77,031	75,159
Tax Saving at 35.00%	(28,968)	(29,000)	(28,804)	(28,575)	(28,320)	(28,028)	(27,714)	(27,356)	(26,961)	(26,306)
Plus: Principal Payments	14,581	15,713	16,933	18,247	19,664	21,190	22,835	24,608	26,518	28,577
Less: Depreciation and Amortization	13,510	14,103	14,103	14,103	14,103	14,103	14,103	14,102	14,103	13,510
<del>-</del>	54,868	-	56,322	57,212	-	59,139	60,202	61,310		63,921
Buy. Cash Outflow After Tax	54,000	55,467	30,322	31,212	58,156	55,135	60,202	61,310	62,485	03,321
Difference (After Tax) Buy v Lease	(7,210)	(7,373)	(7,772)	(8,201)	(8,682)	(3,877)	(4,453)	(5,031)	(5,674)	(6,554)



Cedar Plaza Buy v Lease Analysis

	Year 1 Jan	Year 1 Feb	Year 1 Mar	Year 1 Apr	Year 1 May	Year 1 Jun	Year 1 Jul	Year 1 Aug	Year 1 Sep	Year 1 Oct	Year 1 Nov	Year 1 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	6,110	73,320
Buy. Cash Outflows													
Buy. Building Operating Expenses	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	21,000
Principle Payments	1,174	1,181	1,189	1,196	1,203	1,211	1,219	1,226	1,234	1,242	1,249	1,257	14,581
Interest payments	4,063	4,055	4,048	4,040	4,033	4,025	4,018	4,010	4,003	3,995	3,987	3,979	48,256
<del>-</del>	6,986	6,986	6,986	6,986	6,986	6,986	6,986	6,986	6,986	6,986	6,986	6,986	83,836
Difference (Before Tax) Buy v Lease	(876)	(876)	(876)	(876)	(876)	(876)	(876)	(876)	(876)	(876)	(876)	(876)	(10,516)



Cedar Plaza Buy v Lease Analysis

	Year 2 Jan	Year 2 Feb	Year 2 Mar	Year 2 Apr	Year 2 May	Year 2 Jun	Year 2 Jul	Year 2 Aug	Year 2 Sep	Year 2 Oct	Year 2 Nov	Year 2 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	73,990
Buy. Cash Outflows													
Buy. Building Operating Expenses	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	21,630
Principle Payments	1,265	1,273	1,281	1,289	1,297	1,305	1,313	1,321	1,330	1,338	1,346	1,355	15,713
Interest payments	3,971	3,963	3,956	3,948	3,939	3,931	3,923	3,915	3,907	3,898	3,890	3,882	47,124
<del>-</del>	7,039	7,039	7,039	7,039	7,039	7,039	7,039	7,039	7,039	7,039	7,039	7,039	84,466
Difference (Before Tax) Buy v Lease	(873)	(873)	(873)	(873)	(873)	(873)	(873)	(873)	(873)	(873)	(873)	(873)	(10,477)



Cedar Plaza Buy v Lease Analysis

	Year 3 Jan	Year 3 Feb	Year 3 Mar	Year 3 Apr	Year 3 May	Year 3 Jun	Year 3 Jul	Year 3 Aug	Year 3 Sep	Year 3 Oct	Year 3 Nov	Year 3 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	74,694
Buy. Cash Outflows													
Buy. Building Operating Expenses	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	22,290
Principle Payments	1,363	1,372	1,380	1,389	1,398	1,406	1,415	1,424	1,433	1,442	1,451	1,460	16,933
Interest payments	3,873	3,865	3,856	3,847	3,839	3,830	3,821	3,812	3,804	3,795	3,786	3,776	45,904
<del>-</del>	7,094	7,094	7,094	7,094	7,094	7,094	7,094	7,094	7,094	7,094	7,094	7,094	85,126
Difference (Before Tax) Buy v Lease	(869)	(869)	(869)	(869)	(869)	(869)	(869)	(869)	(869)	(869)	(869)	(869)	(10,433)



Cedar Plaza Buy v Lease Analysis

	Year 4 Jan	Year 4 Feb	Year 4 Mar	Year 4 Apr	Year 4 May	Year 4 Jun	Year 4 Jul	Year 4 Aug	Year 4 Sep	Year 4 Oct	Year 4 Nov	Year 4 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	75,400
Buy. Cash Outflows													
Buy. Building Operating Expenses	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	22,950
Principle Payments	1,469	1,478	1,487	1,497	1,506	1,516	1,525	1,535	1,544	1,554	1,563	1,573	18,247
Interest payments	3,767	3,758	3,749	3,740	3,730	3,721	3,711	3,702	3,692	3,683	3,673	3,663	44,589
_	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	85,786
Difference (Before Tax) Buy v Lease	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(10,386)



Cedar Plaza Buy v Lease Analysis

	Year 5 Jan	Year 5 Feb	Year 5 Mar	Year 5 Apr	Year 5 May	Year 5 Jun	Year 5 Jul	Year 5 Aug	Year 5 Sep	Year 5 Oct	Year 5 Nov	Year 5 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	76,113
Buy. Cash Outflows													
Buy. Building Operating Expenses	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	23,640
Principle Payments	1,583	1,593	1,603	1,613	1,623	1,633	1,643	1,654	1,664	1,674	1,685	1,695	19,664
Interest payments	3,653	3,643	3,633	3,623	3,613	3,603	3,593	3,583	3,572	3,562	3,552	3,541	43,173
<del>-</del>	7,206	7,206	7,206	7,206	7,206	7,206	7,206	7,206	7,206	7,206	7,206	7,206	86,476
Difference (Before Tax) Buy v Lease	(864)	(864)	(864)	(864)	(864)	(864)	(864)	(864)	(864)	(864)	(864)	(864)	(10,363)



Cedar Plaza Buy v Lease Analysis

	Year 6 Jan	Year 6 Feb	Year 6 Mar	Year 6 Apr	Year 6 May	Year 6 Jun	Year 6 Jul	Year 6 Aug	Year 6 Sep	Year 6 Oct	Year 6 Nov	Year 6 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	85,018
Buy. Cash Outflows													
Buy. Building Operating Expenses	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	24,330
Principle Payments	1,706	1,717	1,727	1,738	1,749	1,760	1,771	1,782	1,793	1,804	1,816	1,827	21,190
Interest payments	3,530	3,520	3,509	3,498	3,487	3,476	3,465	3,454	3,443	3,432	3,421	3,409	41,646
-	7,264	7,264	7,264	7,264	7,264	7,264	7,264	7,264	7,264	7,264	7,264	7,264	87,166
Difference (Before Tax) Buy v Lease	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(2,148)



Cedar Plaza Buy v Lease Analysis

	Year 7 Jan	Year 7 Feb	Year 7 Mar	Year 7 Apr	Year 7 May	Year 7 Jun	Year 7 Jul	Year 7 Aug	Year 7 Sep	Year 7 Oct	Year 7 Nov	Year 7 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows													
Lease. Leasing Expenses	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	85,768
Buy. Cash Outflows													
Buy. Building Operating Expenses	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	25,080
Principle Payments	1,838	1,850	1,861	1,873	1,885	1,897	1,908	1,920	1,932	1,944	1,957	1,969	22,835
Interest payments	3,398	3,386	3,375	3,363	3,352	3,340	3,328	3,316	3,304	3,292	3,280	3,268	40,001
_	7,326	7,326	7,326	7,326	7,326	7,326	7,326	7,326	7,326	7,326	7,326	7,326	87,916
Difference (Before Tax) Buy v Lease	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(179)	(2,148)



Cedar Plaza Buy v Lease Analysis

	Year 8 Jan	Year 8 Feb	Year 8 Mar	Year 8 Apr	Year 8 May	Year 8 Jun	Year 8 Jul	Year 8 Aug	Year 8 Sep	Year 8 Oct	Year 8 Nov	Year 8 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	86,584
Buy. Cash Outflows													
Buy. Building Operating Expenses	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	25,830
Principle Payments	1,981	1,994	2,006	2,019	2,031	2,044	2,057	2,069	2,082	2,095	2,108	2,122	24,608
Interest payments	3,255	3,243	3,230	3,218	3,205	3,193	3,180	3,167	3,154	3,141	3,128	3,115	38,228
-	7,389	7,389	7,389	7,389	7,389	7,389	7,389	7,389	7,389	7,389	7,389	7,389	88,666
Difference (Before Tax) Buy v Lease	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(2,083)



Cedar Plaza Buy v Lease Analysis

	Year 9 Jan	Year 9 Feb	Year 9 Mar	Year 9 Apr	Year 9 May	Year 9 Jun	Year 9 Jul	Year 9 Aug	Year 9 Sep	Year 9 Oct	Year 9 Nov	Year 9 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	87,402
Loude. Louding Expenses	.,20.	.,20.	7,201	.,20.	7,201	.,20.	.,20.	.,20.	.,20.	.,20.	.,20.	7,201	07,102
Buy. Cash Outflows													
Buy. Building Operating Expenses	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	26,610
Principle Payments	2,135	2,148	2,162	2,175	2,189	2,202	2,216	2,230	2,244	2,258	2,272	2,286	26,518
Interest payments	3,101	3,088	3,075	3,061	3,048	3,034	3,020	3,006	2,992	2,978	2,964	2,950	36,318
_	7,454	7,454	7,454	7,454	7,454	7,454	7,454	7,454	7,454	7,454	7,454	7,454	89,446
Difference (Before Tax) Buy v Lease	(170)	(170)	(170)	(170)	(170)	(170)	(170)	(170)	(170)	(170)	(170)	(170)	(2,044)



Cedar Plaza Buy v Lease Analysis

	Year 10 Jan	Year 10 Feb	Year 10 Mar	Year 10 Apr	Year 10 May	Year 10 Jun	Year 10 Jul	Year 10 Aug	Year 10 Sep	Year 10 Oct	Year 10 Nov	Year 10 Dec	Yearly Total
BUY V LEASE COMPARISON Lease. Cash Outflows Lease. Leasing Expenses	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	88,256
Buy. Cash Outflows													
Buy. Building Operating Expenses	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	27,390
Principle Payments	2,301	2,315	2,330	2,344	2,359	2,373	2,388	2,403	2,418	2,433	2,449	2,464	28,577
Interest payments	2,936	2,921	2,907	2,892	2,878	2,863	2,848	2,833	2,818	2,803	2,788	2,772	34,259
•	7,519	7,519	7,519	7,519	7,519	7,519	7,519	7,519	7,519	7,519	7,519	7,519	90,226
Difference (Before Tax) Buy v Lease	(164)	(164)	(164)	(164)	(164)	(164)	(164)	(164)	(164)	(164)	(164)	(164)	(1,970)



# Buy v Lease. Expense Calculations Yearly

Cedar Plaza Buy v Lease Analysis

	Starting May	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
BUY: EXPENSE CALCULATION	ONS										
Operating Costs		21,000	21,630	22,290	22,950	23,640	24,330	25,080	25,830	26,610	27,390
		21,000	21,630	22,290	22,950	23,640	24,330	25,080	25,830	26,610	27,390
LEASE: EXPENSE CALCULA	TIONS										
Base Rent		51,000	51,000	51,000	51,000	51,000	59,130	59,130	59,130	59,130	59,130
Taxes, Insurance & Maintena	nce	18,000	18,540	19,110	19,680	20,250	20,880	21,480	22,140	22,800	23,490
Parking		4,320	4,450	4,584	4,720	4,863	5,008	5,158	5,314	5,472	5,636
		73,320	73,990	74,694	75,400	76,113	85,018	85,768	86,584	87,402	88,256



Cedar Plaza Buy v Lease Analysis

	Starting March	Year 1 Jan	Year 1 Feb	Year 1 Mar	Year 1 Apr	Year 1 May	Year 1 Jun	Year 1 Jul	Year 1 Aug	Year 1 Sep	Year 1 Oct	Year 1 Nov	Year 1 Dec	Yearly Total
BUY: EXPENSE CALCULAT	TIONS													
Operating Costs		1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	21,000
		1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	21,000
LEASE: EXPENSE CALCUL	ATIONS													
Base Rent		4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	51,000
Taxes, Insurance & Mainten	nance	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	18,000
Parking		360	360	360	360	360	360	360	360	360	360	360	360	4,320
		6.110	6.110	6.110	6.110	6.110	6.110	6.110	6.110	6.110	6.110	6.110	6.110	73.320



Cedar Plaza

Buy v Lease Analysis

	Starting March	Year 2 Jan	Year 2 Feb	Year 2 Mar	Year 2 Apr	Year 2 May	Year 2 Jun	Year 2 Jul	Year 2 Aug	Year 2 Sep	Year 2 Oct	Year 2 Nov	Year 2 Dec	Yearly Total
BUY: EXPENSE CALCULAT	TIONS													
Operating Costs		1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	21,630
		1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	1,803	21,630
LEASE: EXPENSE CALCUL	ATIONS													
Base Rent		4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	4,250	51,000
Taxes, Insurance & Mainter	nance	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	18,540
Parking		371	371	371	371	371	371	371	371	371	371	371	371	4,450
		6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	73,990



Cedar Plaza

Buy v Lease Analysis

	Starting March	Year 3 Jan	Year 3 Feb	Year 3 Mar	Year 3 Apr	Year 3 May	Year 3 Jun	Year 3 Jul	Year 3 Aug	Year 3 Sep	Year 3 Oct	Year 3 Nov	Year 3 Dec	Yearly Total
BUY: EXPENSE CALCULATION	ONS													
Operating Costs		1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	22,290
		1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	1,858	22,290
LEASE: EXPENSE CALCULA	ATIONS													
Base Rent Taxes, Insurance & Maintena Parking	ance	4,250 1,593 382	51,000 19,110 4,584											
		6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	6,224	74,694



Cedar Plaza

Buy v Lease Analysis

	Starting March	Year 4 Jan	Year 4 Feb	Year 4 Mar	Year 4 Apr	Year 4 May	Year 4 Jun	Year 4 Jul	Year 4 Aug	Year 4 Sep	Year 4 Oct	Year 4 Nov	Year 4 Dec	Yearly Total
BUY: EXPENSE CALCULAT	TIONS													
Operating Costs		1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	22,950
		1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	1,913	22,950
LEASE: EXPENSE CALCUL	ATIONS													
Base Rent Taxes, Insurance & Mainter Parking	nance	4,250 1,640 393	51,000 19,680 4,720											
		6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	6,283	75,400



Cedar Plaza

Buy v Lease Analysis

Sta	arting March	Year 5 Jan	Year 5 Feb	Year 5 Mar	Year 5 Apr	Year 5 May	Year 5 Jun	Year 5 Jul	Year 5 Aug	Year 5 Sep	Year 5 Oct	Year 5 Nov	Year 5 Dec	Yearly Total
BUY: EXPENSE CALCULATIONS	3													
Operating Costs		1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	23,640
		1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	23,640
LEASE: EXPENSE CALCULATION	ONS													
Base Rent Taxes, Insurance & Maintenance Parking	<b>:</b>	4,250 1,688 405	51,000 20,250 4,863											
		6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	6,343	76,113



Cedar Plaza

Buy v Lease Analysis

	Starting March	Year 6 Jan	Year 6 Feb	Year 6 Mar	Year 6 Apr	Year 6 May	Year 6 Jun	Year 6 Jul	Year 6 Aug	Year 6 Sep	Year 6 Oct	Year 6 Nov	Year 6 Dec	Yearly Total
BUY: EXPENSE CALCULAT	IONS													
Operating Costs		2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	24,330
		2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	2,028	24,330
LEASE: EXPENSE CALCUL	ATIONS													
Base Rent Taxes, Insurance & Mainten Parking	ance	4,928 1,740 417	59,130 20,880 5,008											
		7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	7,085	85,018



Cedar Plaza

Buy v Lease Analysis

	Starting March	Year 7 Jan	Year 7 Feb	Year 7 Mar	Year 7 Apr	Year 7 May	Year 7 Jun	Year 7 Jul	Year 7 Aug	Year 7 Sep	Year 7 Oct	Year 7 Nov	Year 7 Dec	Yearly Total
BUY: EXPENSE CALCULAT	TIONS													
Operating Costs		2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	25,080
		2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	2,090	25,080
LEASE: EXPENSE CALCUL	ATIONS													
Base Rent Taxes, Insurance & Mainten Parking	nance	4,928 1,790 430	59,130 21,480 5,158											
		7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	7,147	85,768



Cedar Plaza

Buy v Lease Analysis

	Starting March	Year 8 Jan	Year 8 Feb	Year 8 Mar	Year 8 Apr	Year 8 May	Year 8 Jun	Year 8 Jul	Year 8 Aug	Year 8 Sep	Year 8 Oct	Year 8 Nov	Year 8 Dec	Yearly Total
BUY: EXPENSE CALCULA	TIONS													
Operating Costs		2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	25,830
		2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	2,153	25,830
LEASE: EXPENSE CALCUI	LATIONS													
Base Rent Taxes, Insurance & Mainte Parking	nance	4,928 1,845 443	,											
		7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	7,215	86,584



Cedar Plaza

Buy v Lease Analysis

	Starting March	Year 9 Jan	Year 9 Feb	Year 9 Mar	Year 9 Apr	Year 9 May	Year 9 Jun	Year 9 Jul	Year 9 Aug	Year 9 Sep	Year 9 Oct	Year 9 Nov	Year 9 Dec	Yearly Total
BUY: EXPENSE CALCULA	TIONS													
Operating Costs		2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	26,610
		2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	26,610
LEASE: EXPENSE CALCU	LATIONS													
Base Rent Taxes, Insurance & Mainte Parking	enance	4,928 1,900 456	59,130 22,800 5,472											
		7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	7,284	87,402

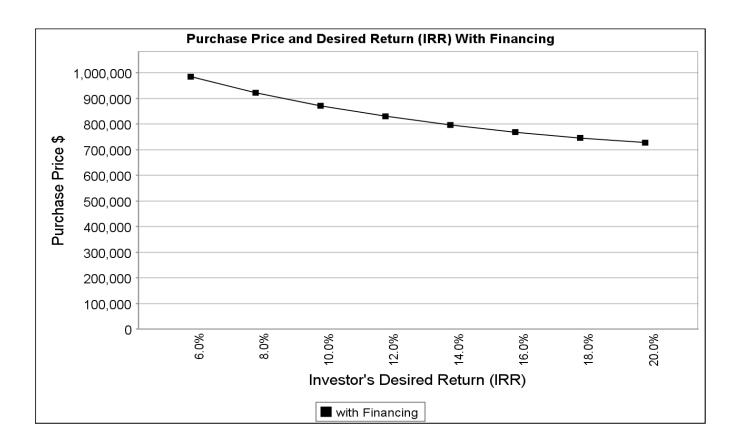


Cedar Plaza

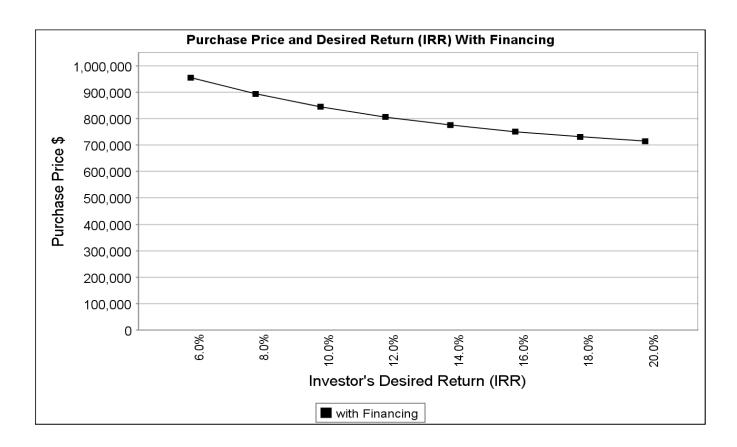
Buy v Lease Analysis

	Starting March	Year 10 Jan	Year 10 Feb	Year 10 Mar	Year 10 Apr	Year 10 May	Year 10 Jun	Year 10 Jul	Year 10 Aug	Year 10 Sep	Year 10 Oct	Year 10 Nov	Year 10 Dec	Yearly Total
BUY: EXPENSE CALCULAT	TIONS													
Operating Costs		2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	27,390
		2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	27,390
LEASE: EXPENSE CALCUL	ATIONS													
Base Rent Taxes, Insurance & Mainter Parking	nance	4,928 1,958 470	,											
		7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	7,355	88,256

Cedar Plaza Buy v Lease Analysis

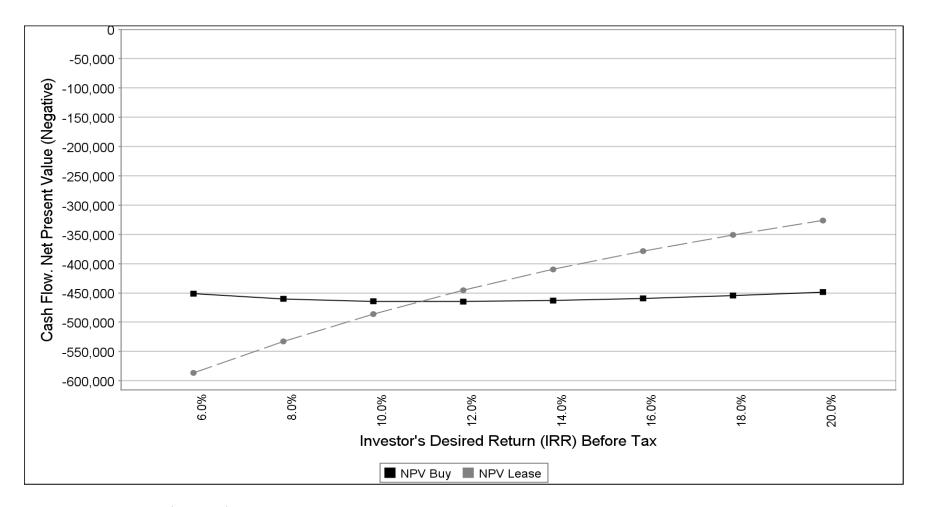






March 09, 2008 Investor Pro Buy v Lease

Cedar Plaza Buy v Lease Analysis



### Interpretations

For the Desired Return (IRR) Before Tax consider:

- a) Leasing if the Net Present Value (NPV) for leasing is less than the Net Present Value for Buying
- b) Buying if the Net Present Value (NPV) for buying is less than the Net Present Value for Leasing

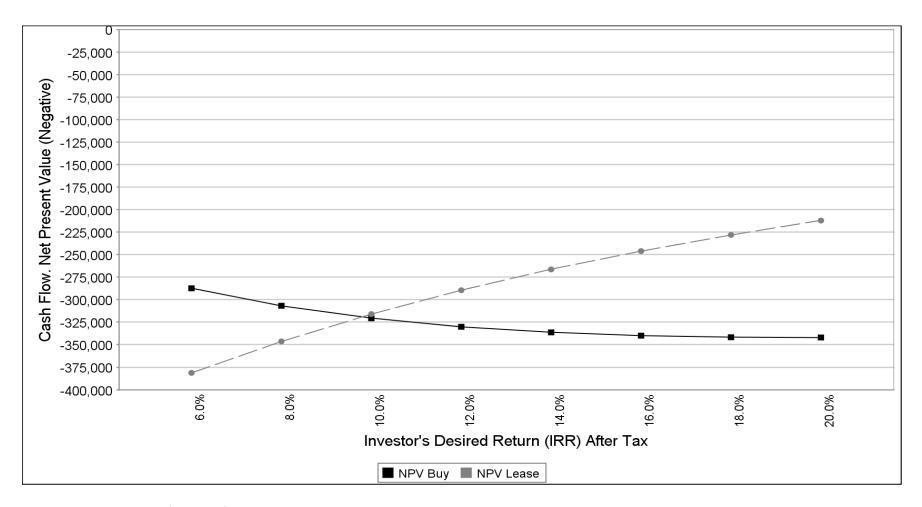


# Buy v Lease. Net Present Value (NPV) Before Tax

Cedar Plaza Buy v Lease Analysis

# Buy v Lease. Net Present Value (NPV) After Tax

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease



### Interpretations

For the Desired Return (IRR) After Tax consider:

- a) Leasing if the Net Present Value (NPV) for leasing is less than the Net Present Value for Buying
- b) Buying if the Net Present Value (NPV) for buying is less than the Net Present Value for Leasing



# Buy v Lease. Net Present Value (NPV) After Tax

Cedar Plaza Buy v Lease Analysis

# Goal Seeking Results Cedar Plaza

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

# SUMMARY

	Internal			Compounding
	Rate of			Appreciation
	Return (IRR)	Buy	Sell	Rate
BEFORE TAX				
With Financing				
Based on data entered	11.01%	\$ 850,000	\$ 1,199,009	3.50%
Goal seeking results for IRR	13.00%	\$ 812,812	\$ 1,199,009	3.96%
	13.00%	\$ 850,000	\$ 1,331,885	4.59%
Without Financing				
Based on data entered	8.76%	\$ 850,000	\$ 1,199,009	3.50%
Goal seeking results for IRR	13.00%	\$ 633,731	\$ 1,199,009	6.58%
	13.00%	\$ 850,000	\$ 1,971,785	8.78%
AFTER TAX				
With Financing				
Based on data entered	9.77%	\$ 850,000	\$ 1,199,009	3.50%
Goal seeking results for IRR	8.32%	\$ 884,841	\$ 1,199,009	3.09%
	8.32%	\$ 850,000	\$ 1,111,415	2.72%
Without Financing				
Based on data entered	6.63%	\$ 850,000	\$ 1,199,009	3.50%
Goal seeking results for IRR	8.32%	\$ 736,493	\$ 1,199,009	4.99%
	8.32%	\$ 850,000	\$ 1,484,382	5.73%

# COMPANY

# Goal Seeking Results

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

### **GOAL SEEKING RESULTS BEFORE TAX**

### With Financing

To achieve an Internal Rate of Return (IRR) of 13.00% before tax, you would have to either:

- a) Buy the property for \$812,812 and sell for \$1,199,009 in 10 years which is 3.96% compounding increase in value per year.
- b) Buy the property for \$850,000 and sell for \$1,331,885 in 10 years which is 4.59% compounding increase in value per year.

### Without Financing

To achieve an Internal Rate of Return (IRR) of 13.00% before tax, you would have to either:

- a) Buy the property for \$633,731 and sell for \$1,199,009 in 10 years which is 6.58% compounding increase in value per year.
- b) Buy the property for \$850,000 and sell for \$1,971,785 in 10 years which is 8.78% compounding increase in value per year.

# GOAL SEEKING RESULTS AFTER TAX

### With Financing

To achieve an Internal Rate of Return (IRR) of 8.32% after tax, you would have to either:

- a) Buy the property for \$884,841 and sell for \$1,199,009 in 10 years which is 3.09% compounding increase in value per year.
- b) Buy the property for \$850,000 and sell for \$1,111,415 in 10 years which is 2.72% compounding increase in value per year.

#### Without Financing

To achieve an Internal Rate of Return (IRR) of 8.32% after tax, you would have to either:

- a) Buy the property for \$ 736,493 and sell for \$ 1,199,009 in 10 years which is 4.99% compounding increase in value per year.
- b) Buy the property for \$850,000 and sell for \$1,484,382 in 10 years which is 5.73% compounding increase in value per year.

#### INVESTMENT TAB ENTRIES.

Allocations of the Purchase Price between Land and Improvements to achieve the desired Internal Rate of Return (IRR)

		BEFORE	E TAX	AFTER TAX		
	%	With Financing	No Financing	With Financing	No Financing	
	Allocation	13.00% IRR	13.00% IRR	8.320% IRR	8.320% IRR	
Land	35.29%	286,875	223,670	312,297	259,939	
Building	64.71%	525,937	410,061	572,544	476,554	
Purchase Price (Year 1 Total)	100.00%	\$ 812,812	\$ 633,731	\$ 884,841	\$ 633,731	

### Notes:

The allocation of the Purchase Price between Land and Improvements uses the same % allocation used in the First Year of the Investment Folder grid.

The Purchase Price (Year 1 Total) excludes entries using the Depreciation methods "Amort. Mortgage Fees" and "Amortize"



## **Cash Flow from Sale**

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

# Cash Flow from Sale (Before Tax)

Sale Price	\$ 1,199,009
Less: Real Estate Commission	59,950
Selling Expenses	7,000
Net Sale Price	1,132,058
Less: Mortgage Repayment	441,135
Cash Flow from Sale (Before Tax)	690,924
Cash Flow from Sale (After Tax)	
Net Sale Price	1,132,058
Less: Capital Gains Tax	
Net Sale Price 1,132,058	
Less Cost Basis 850,000	
Capital Gains 282,058 x 15.00%	42,309
Less: Recaptured Depreciation Tax	
Tax Value of Improvements on Sale 550,000	
Less Adjusted Basis 410,157	
Recaptured Depreciation 139,843 x 25.00%	34,961
Net Proceeds (After Tax)	1,054,789
Less: Mortgage Repayment	441,135
Cash Flow from Sale (After Tax)	613,654

# COMPANY

### **Depreciation Schedules**

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

### **Building**

Starting Date: Year 1 January

Depreciation Method: Commercial Property. Straight Line

Recovery Period: 39.0 Year(s)

First Year Convention: Mid-Month 95.8%
Last Year Convention: 95.8%
Depreciation Bonus: 0%
Amount \$550,000

	Cost	Д	djusted			Depreciation	Und	epreciated
Period	Basis	Co	ost Basis	Dep	reciation	Bonus	E	Balance
Yr. 1 Jan-Yr. 1 Dec	\$ 550,000	\$	550,000	\$	13,510	-	\$	536,490
Yr. 2 Jan-Yr. 2 Dec			536,490		14,103			522,387
Yr. 3 Jan-Yr. 3 Dec			522,387		14,103			508,284
Yr. 4 Jan-Yr. 4 Dec			508,284		14,103			494,181
Yr. 5 Jan-Yr. 5 Dec			494,181		14,103			480,078
Yr. 6 Jan-Yr. 6 Dec			480,078		14,103			465,975
Yr. 7 Jan-Yr. 7 Dec			465,975		14,103			451,872
Yr. 8 Jan-Yr. 8 Dec			451,872		14,102			437,770
Yr. 9 Jan-Yr. 9 Dec			437,770		14,103			423,667
Yr. 10 Jan-Yr. 10 Dec			423,667		13,510			410,157
Total	\$ 550,000			\$	139,843	-		



### **Input Data Summary**

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

### **Buy versus Lease Analysis**

### Note

For information on Revenue, Expenses and Vacancy inputs and projections see the Revenue, Expense and Vacancy projection description reports.

### **Project Information**

Analysis Period 10 years
Starting date January Year 1

### **Investor Information**

Marginal Tax Rate 35.00%
Capital Gain Tax Rate 15.00%
Recaptured Deprec. Tax Rate 25.00%

# Desired Return on Investment (Discount Rate)

Before Tax: 13.00% After Tax: 8.45%

### **Short Term Reinvestment Rates**

Before Tax: 3.000% After Tax: 1.950%

### Short Term Financing Rates

Before Tax: 8.000% After Tax: 5.200%

### **Investment information**

Active Investor with no Loss limitation

Total Invested in Year 1 is \$850,000

				Recovery Period
	Investment Type	Date	Amount	Years
Land	Land (No Depreciation)	Jan, Year 1	\$ 300,000	-



### **Input Data Summary**

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

Building Commercial Property. Straight Line Jan, Year 1 \$ 550,000 39.00

**Financing** 

First Mortgage

Starts: January Year 1
Type: Standard Mortgage

Amount: \$ 650,000
Interest Rate: Fixed
Payment Frequency: Monthly
Compounding Frequency: Monthly

Addit. Payments/Borrowing: No

Rounding Up to Nearest Cent

No of Terms: 1

Nominal Annual

 Term
 Time Period
 Interest Rate
 Amortization

 1
 10 yrs & 0 mos
 7.500%
 20 yrs & 0 mos

Sale Information

Sale price at the end of 10 years is \$1,199,009 based on the total purchase price of \$850,000 in year 1 increasing at an Annual Compounding Rate of 3.50% for 10 years

Selling Expenses

Selling Expenses \$ 7,000

Real Estate Commissions 5.00% of the Sale Price

Allocation of Improvements on Sale Same ratio as on acquisition



### **Projection Descriptions**

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

# **BUY (EXPENSES) PROJECTIONS**

**Operating Costs** 

Entry Choice: \$ per Sq. Ft per Year

Quantity: 3,000

Year 1 Jan \$7.00 per Sq. Ft per Year paid monthly for 12 months

Compounding at 3.00% per year for next 9 years

### **LEASE (EXPENSES) PROJECTIONS**

**Base Rent** 

Entry Choice: \$ per Sq. Ft per Year

Quantity: 3,000

Year 1 Jan Stepped Projection (Lease)

Term 1: \$17.00 per Sq. Ft per Year paid monthly for 5 years

Term 2: Increased by 3.00% compounding per year to \$19.71 per Sq. Ft per Year paid monthly for 5 years

Taxes, Insurance & Maintenance

Entry Choice: \$ per Sq. Ft per Year

Quantity: 3,000

Year 1 Jan \$6.00 per Sq. Ft per Year paid monthly for 12 months

Compounding at 3.00% per year for next 9 years

**Parking** 

Entry Choice: \$ per Space per Month

Quantity: 12

Year 1 Jan \$30.00 per Space per Month paid monthly for 12 months

Compounding at 3.00% per year for next 9 years



# Sale Price Estimates

Cedar Plaza Buy v Lease Analysis March 09, 2008 Investor Pro Buy v Lease

Financial Measure	_	Sale Price based on the Income for the Last Year		Sale Price based on the Income for the year following the sale
Potential Gross Income Multiplier	0	\$ 0	0	\$ 0
Effective Gross Income Multiplier	0	\$ 0	0	\$ 0
Capitalization Rate	0%	\$ 0	0%	\$ 0
Net Income Multiplier	0	\$ 0	0	\$ 0
Compounding Annual Growth Rate	3.50%	\$ 1,199,009		
Uniform Annual Increase	0%	\$ 850,000		
Enter your own estimate		\$ 0		

# The estimated Sale Priced selected at the end of 10 years is \$ 1,199,009

Based on the Purchase Price of \$850,000 increasing at an Annual Compounding Rate of 3.50% for 10 year(s)



## Mortgage Schedule

Cedar Plaza
Buy v Lease Analysis

March 09, 2008 Investor Pro Buy v Lease

First Mortgage

Amount: \$650,000

Type: Standard Mortgage

Analysis Start Date: January Year 1 Mortgage Commences: January Year 1

Payment Frequency: Monthly

Payment Rounded: Up to Nearest Cent

Compounding Frequency: Monthly Interest Rate: Fixed Additional Payment or Borrowing: No

То жаз	Start Date of	Time P	eriod	Nominal Annual	Amortization	
Term	(Balloon) Term	Years	Months	Interest Rate	Years	Months
 1	Year 1 Jan	10	0	7 500 %	20	0

	Outstanding	End of Year	Mortgage
	 Balance	Accrued Interest	Payout
Payout at end of Analysis Period: Dec Year 10	\$ 441,134.78	-	\$ 441,134.78
Payout at end of last Term: Dec Year 10	\$ 441,134.78	-	\$ 441,134.78

	628.363.20	419,497.98	208,865.22	-			
Year 10 Jan-Year 10 Dec	62,836.32	34,259.31	28,577.01	_	441,134.78		
Year 9 Jan-Year 9 Dec	62,836.32	36,318.00	26,518.32	-	469,711.79		
Year 8 Jan-Year 8 Dec	62,836.32	38,228.39	24,607.93	-	496,230.11		
Year 7 Jan-Year 7 Dec	62,836.32	40,001.13	22,835.19	-	520,838.04		
Year 6 Jan-Year 6 Dec	62,836.32	41,646.17	21,190.15	-	543,673.23		
Year 5 Jan-Year 5 Dec	62,836.32	43,172.70	19,663.62	-	564,863.38		
Year 4 Jan-Year 4 Dec	62,836.32	44,589.29	18,247.03	-	584,527.00		
Year 3 Jan-Year 3 Dec	62,836.32	45,903.81	16,932.51	-	602,774.03		
Year 2 Jan-Year 2 Dec	62,836.32	47,123.61	15,712.71	-	619,706.54		
Year 1 Jan-Year 1 Dec	62,836.32	48,255.57	14,580.75	=	635,419.25		
Time Period	Payment	Payment	Payment	(Borrowing)	Balance		
		Interest	Principal	Payment or	Outstanding		
			Additional				